

WBS No: 1HAH1010  
Activity ID: 1HAH101001

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1HAH  
Activity Filter \*

Starts In FY \*

| WBS No:                        | 1HAH1010                         | Title:       | Operations                     |          |                  |                   |                  |                     |                          |                  |             |            |
|--------------------------------|----------------------------------|--------------|--------------------------------|----------|------------------|-------------------|------------------|---------------------|--------------------------|------------------|-------------|------------|
| Activity ID:                   | 1HAH101001                       | Description: | Analytical Project Integration |          | Cost Risk        |                   | 1                | Schedule Risk       |                          | 1                |             |            |
| Line Item                      | Description                      | Quantity     | Units                          | BOE Type | Labor Hours/Unit | Labor Hours Total | Labor Cost Total | Materials/ Sub Cost | Contingency & Escalation | Total Prime Cost | Burden Cost | Total Cost |
| 101                            | Project Interface                | 1.00         | each                           | HC       | 9.250            | 9.250             | 289.617          | 179.628             | 0                        | 469.245          | 138.148     | 607.393    |
| 102                            | Radiological Engineering Support | 1.00         | each                           | HC       | 1.850            | 1.850             | 63.288           | 0                   | 0                        | 63.288           | 30.189      | 93.477     |
| SYS                            | Contingency And Escalation       | 1.00         | ea                             | EE       | 0                | 0                 | 0                | 0                   | 37.076                   | 37.076           | 0           | 37.076     |
| Total for Activity 1HAH101001: |                                  |              |                                |          |                  | 11.100            | 352.906          | 179.628             | 37.076                   | 569.610          | 168.336     | 737.946    |

**Line Item 101 - Project Interface**

|     |   |  |  |  |  |  |  |  |  |  |  |  |
|-----|---|--|--|--|--|--|--|--|--|--|--|--|
| BOE | Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99<br>Item Desc - Project integration<br>Breakdown of Historical Data:<br>Item - Labor<br>Units - ea.<br>Unit Cost -<br>Unit Cost Adjustment factor -<br>Revised Unit Cost -<br>Basis for adjustment -<br><br>This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions. |  |  |  |  |  |  |  |  |  |  |  |
|-----|---|--|--|--|--|--|--|--|--|--|--|--|

| Resources |                    | Cost Element | Skill    | Department | Curve                          | Quantity | Units      |
|-----------|--------------------|--------------|----------|------------|--------------------------------|----------|------------|
| 750       | STRAIGHT TIME BASE | S010         | CHEMISTS | K267S      | Analvtical Laboratory Services | Linear   | 9.250.00   |
| Factors   | 5                  | ea           | 1850     | hrs        |                                |          |            |
| A5H       | SUBCONTRACTED SRVS | S010         | CHEMISTS | K267S      | Analvtical Laboratory Services | Linear   | 179.627.80 |
| Factors   | 2                  | ea           | 1850     | hrs        | 60                             | dollars  |            |

0.80913 [SYS 061400] .80704 - System

**Line Item 102 - Radiological Engineering Support**

|     |   |  |  |  |  |  |  |  |  |  |  |  |
|-----|---|--|--|--|--|--|--|--|--|--|--|--|
| BOE | Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99<br>Item Desc - Review & approve PRE's<br>Breakdown of Historical Data:<br>Item - Labor<br>Units - ea.<br>Unit Cost -<br>Unit Cost Adjustment factor -<br>Revised Unit Cost -<br>Basis for adjustment - |  |  |  |  |  |  |  |  |  |  |  |
|-----|---|--|--|--|--|--|--|--|--|--|--|--|

| Resources |                    | Cost Element | Skill           | Department | Curve         | Quantity | Units    |
|-----------|--------------------|--------------|-----------------|------------|---------------|----------|----------|
| 750       | STRAIGHT TIME BASE | E130         | OTHER ENGINEERS | R100S      | RMRS Salaried | Linear   | 1.850.00 |
| Factors   | 1                  | ea           | 1850            | hrs        |               |          |          |

**Line Item SYS - Contingency And Escalation**

|           |              |             |                 |       |      |            |               |        |           |         |
|-----------|--------------|-------------|-----------------|-------|------|------------|---------------|--------|-----------|---------|
| BOE       |              |             |                 |       |      |            |               |        |           |         |
| Resources | Cost Element |             |                 | Skill |      | Department |               | Curve  | Quantity  | Units   |
|           | CON          | CONTINGENCY |                 | 0000  | NONE | ZDEPT      | No Department | Linear | 22.338.42 | Dollars |
|           | Factors      |             | 22338.4 Dollars |       |      |            |               |        |           |         |
|           | ESC          | ESCALATION  |                 | 0000  | NONE | ZDEPT      | No Department | Linear | 14.737.73 | Dollars |
|           | Factors      |             | 14737.7 Dollars |       |      |            |               |        |           |         |

| Activity ID:                   | 1HAH101002                       | Description: | Analytical Project Integration |          | Cost Risk        |                   | 1                | Schedule Risk       |                          | 1                |             |            |
|--------------------------------|----------------------------------|--------------|--------------------------------|----------|------------------|-------------------|------------------|---------------------|--------------------------|------------------|-------------|------------|
| Line Item                      | Description                      | Quantity     | Units                          | BOE Type | Labor Hours/Unit | Labor Hours Total | Labor Cost Total | Materials/ Sub Cost | Contingency & Escalation | Total Prime Cost | Burden Cost | Total Cost |
| 101                            | Project Interface                | 1.00         | each                           | HC       | 9.250            | 9.250             | 289.617          | 179.628             | 0                        | 469.245          | 102.235     | 571.480    |
| 102                            | Radiological Engineering Support | 1.00         | each                           | HC       | 1.850            | 1.850             | 63.288           | 0                   | 0                        | 63.288           | 22.341      | 85.629     |
| SYS                            | Contingency And Escalation       | 1.00         | ea                             | EE       | 0                | 0                 | 0                | 0                   | 97.961                   | 97.961           | 0           | 97.961     |
| Total for Activity 1HAH101002: |                                  |              |                                |          |                  | 11.100            | 352.906          | 179.628             | 97.961                   | 630.495          | 124.576     | 755.070    |

WBS No: 1HAH1010  
Activity ID: 1HAH101002

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1HAH  
Activity Filter \*

Starts In FY \*

**Line Item 101 - Project Interface**

|     |   |  |  |  |  |  |  |  |  |  |  |  |
|-----|---|--|--|--|--|--|--|--|--|--|--|--|
| BOE | Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99<br>Item Desc - Project integration<br>Breakdown of Historical Data:<br>Item - Labor<br>Units - ea.<br>Unit Cost -<br>Unit Cost Adjustment factor -<br>Revised Unit Cost -<br>Basis for adjustment -<br><br>This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions. |  |  |  |  |  |  |  |  |  |  |  |
|-----|---|--|--|--|--|--|--|--|--|--|--|--|

| Cost Element |                    | Skill |          | Department |                                | Curve  | Quantity   | Units   |
|--------------|--------------------|-------|----------|------------|--------------------------------|--------|------------|---------|
| 750          | STRAIGHT TIME BASE | S010  | CHEMISTS | K267S      | Analytical Laboratory Services | Linear | 9.250.00   | Hours   |
| Factors      | 5 ea               |       | 1850 hrs |            |                                |        |            |         |
| A5H          | SUBCONTRACTED SRVS | S010  | CHEMISTS | K267S      | Analytical Laboratory Services | Linear | 179.627.80 | Dollars |
| Factors      | 2 ea               |       | 1850 hrs | 60         | dollars                        |        |            |         |

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**Line Item 102 - Radiological Engineering Support**

|     |   |  |  |  |  |  |  |  |  |  |  |  |
|-----|---|--|--|--|--|--|--|--|--|--|--|--|
| BOE | Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99<br>Item Desc - Review & approve PRE's<br>Breakdown of Historical Data:<br>Item - Labor<br>Units - ea.<br>Unit Cost -<br>Unit Cost Adjustment factor -<br>Revised Unit Cost -<br>Basis for adjustment - |  |  |  |  |  |  |  |  |  |  |  |
|-----|---|--|--|--|--|--|--|--|--|--|--|--|

| Cost Element |                    | Skill |                 | Department |               | Curve  | Quantity | Units |
|--------------|--------------------|-------|-----------------|------------|---------------|--------|----------|-------|
| 750          | STRAIGHT TIME BASE | E130  | OTHER ENGINEERS | R100S      | RMRS Salaried | Linear | 1.850.00 | Hours |
| Factors      | 1 ea               |       | 1850 hrs        |            |               |        |          |       |

**Line Item SYS - Contingency And Escalation**

|                         |                         |             |      |       |            |               |        |           |         |
|-------------------------|-------------------------|-------------|------|-------|------------|---------------|--------|-----------|---------|
| BOE                     |                         |             |      |       |            |               |        |           |         |
| Resources               |                         |             |      |       |            |               |        |           |         |
|                         | Cost Element            |             | 0000 | Skill | Department |               | Curve  | Quantity  | Units   |
|                         | CON                     | CONTINGENCY |      | NONE  | ZDEPT      | No Department | Linear | 67.253.12 | Dollars |
|                         | Factors 67253.1 Dollars |             |      |       |            |               |        |           |         |
|                         | ESC                     | ESCALATION  | 0000 | NONE  | ZDEPT      | No Department | Linear | 30.707.68 | Dollars |
| Factors 30707.7 Dollars |                         |             |      |       |            |               |        |           |         |

Activity ID: 1HAH101003 Description: Analytical Project Integration

Cost Risk 1 Schedule Risk 1

| Line Item                      | Description                      | Quantity | Units | BOE Type | Labor Hours/Unit | Labor Hours Total | Labor Cost Total | Materials/ Sub Cost | Contingency & Escalation | Total Prime Cost | Burden Cost | Total Cost |
|--------------------------------|----------------------------------|----------|-------|----------|------------------|-------------------|------------------|---------------------|--------------------------|------------------|-------------|------------|
| 101                            | Project Interface                | 1.00     | each  | HC       | 5.550            | 5.550             | 173.770          | 179.628             | 0                        | 353.398          | 60.125      | 413.523    |
| 102                            | Radiological Engineering Support | 1.00     | each  | HC       | 1.850            | 1.850             | 63.288           | 0                   | 0                        | 63.288           | 21.898      | 85.186     |
| SYS                            | Contingency And Escalation       | 1.00     | ea    | EE       | 0                | 0                 | 0                | 0                   | 137.920                  | 137.920          | 0           | 137.920    |
| Total for Activity 1HAH101003: |                                  |          |       |          |                  | 7.400             | 237.059          | 179.628             | 137.920                  | 554.606          | 82.022      | 636.629    |

**Line Item 101 - Project Interface**

|     |  |  |  |  |  |  |  |  |  |  |  |  |
|-----|--|--|--|--|--|--|--|--|--|--|--|--|
| BOE | Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99<br>Item Desc - Project integration<br>Breakdown of Historical Data:<br>Item - Labor<br>Units - ea.<br>Unit Cost -<br>Unit Cost Adjustment factor -<br>Revised Unit Cost -<br>Basis for adjustment - |  |  |  |  |  |  |  |  |  |  |  |
|-----|--|--|--|--|--|--|--|--|--|--|--|--|

WBS No: 1HAH1010  
Activity ID: 1HAH101003

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1HAH  
Activity Filter \*

Starts In FY \*

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

| Resources | Cost Element |                    | Skill |          | Department |                                | Curve  | Quantity   | Units   |
|-----------|--------------|--------------------|-------|----------|------------|--------------------------------|--------|------------|---------|
|           | 750          | STRAIGHT TIME BASE | S010  | CHEMISTS | K267S      | Analytical Laboratory Services | Linear | 5.550.00   | Hours   |
| Factors   | 5            | ea                 | 1850  | hrs      | 0.6        | Target Cut 05/30/00            |        |            |         |
| Resources | Cost Element |                    | Skill |          | Department |                                | Curve  | Quantity   | Units   |
|           | A5H          | SUBCONTRACTED SRVS | S010  | CHEMISTS | K267S      | Analytical Laboratory Services | Linear | 179.627.80 | Dollars |
| Factors   | 2            | ea                 | 1850  | hrs      | 60         | dollars                        |        |            |         |

0.80913 [SYS 061400] .80704 - System

**Line Item 102 - Radiological Engineering Support**

|     |   |  |  |  |  |  |  |  |  |  |  |  |
|-----|---|--|--|--|--|--|--|--|--|--|--|--|
| BOE | Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99<br>Item Desc - Review & approve PRE's<br>Breakdown of Historical Data:<br>Item - Labor<br>Units - ea.<br>Unit Cost -<br>Unit Cost Adjustment factor -<br>Revised Unit Cost -<br>Basis for adjustment - |  |  |  |  |  |  |  |  |  |  |  |
|-----|---|--|--|--|--|--|--|--|--|--|--|--|

| Resources | Cost Element |                    | Skill |                 | Department |               | Curve  | Quantity | Units |
|-----------|--------------|--------------------|-------|-----------------|------------|---------------|--------|----------|-------|
|           | 750          | STRAIGHT TIME BASE | E130  | OTHER ENGINEERS | R100S      | RMRS Salaried | Linear | 1.850.00 | Hours |
| Factors   | 1            | ea                 | 1850  | hrs             |            |               |        |          |       |

**Line Item SYS - Contingency And Escalation**

|           |              |             |                 |       |      |            |               |        |           |         |
|-----------|--------------|-------------|-----------------|-------|------|------------|---------------|--------|-----------|---------|
| BOE       |              |             |                 |       |      |            |               |        |           |         |
| Resources | Cost Element |             |                 | Skill |      | Department |               | Curve  | Quantity  | Units   |
|           | CON          | CONTINGENCY |                 | 0000  | NONE | ZDEPT      | No Department | Linear | 99.675.88 | Dollars |
|           | Factors      |             | 99675.9 Dollars |       |      |            |               |        |           |         |
|           | ESC          | ESCALATION  |                 | 0000  | NONE | ZDEPT      | No Department | Linear | 38.243.65 | Dollars |
|           | Factors      |             | 38243.7 Dollars |       |      |            |               |        |           |         |

Activity ID: 1HAH101004 Description: Analytical Project Integration

Cost Risk 1 Schedule Risk 1

| Line Item                      | Description                      | Quantity | Units | BOE Type | Labor Hours/Unit | Labor Hours Total | Labor Cost Total | Materials/ Sub Cost | Contingency & Escalation | Total Prime Cost | Burden Cost | Total Cost |
|--------------------------------|----------------------------------|----------|-------|----------|------------------|-------------------|------------------|---------------------|--------------------------|------------------|-------------|------------|
| 101                            | Project Interface                | 1.00     | each  | HC       | 3.700            | 3.700             | 115.847          | 179.628             | 0                        | 295.475          | 32.669      | 328.144    |
| 102                            | Radiological Engineering Support | 1.00     | each  | HC       | 1.850            | 1.850             | 63.288           | 0                   | 0                        | 63.288           | 17.847      | 81.136     |
| SYS                            | Contingency And Escalation       | 1.00     | ea    | EE       | 0                | 0                 | 0                | 0                   | 58.328                   | 58.328           | 0           | 58.328     |
| Total for Activity 1HAH101004: |                                  |          |       |          |                  | 5.550             | 179.135          | 179.628             | 58.328                   | 417.092          | 50.516      | 467.608    |

**Line Item 101 - Project Interface**

|     |   |  |  |  |  |  |  |  |  |  |
|-----|---|--|--|--|--|--|--|--|--|--|
| BOE | Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99  |  |  |  |  |  |  |  |  |  |
|     | Item Desc - Project integration<br>Breakdown of Historical Data:<br>Item - Labor<br>Units - ea.<br>Unit Cost -<br>Unit Cost Adjustment factor -<br>Revised Unit Cost -<br>Basis for adjustment -<br><br>This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions. |  |  |  |  |  |  |  |  |  |

| Resources | Cost Element |                    | Skill |          | Department |                                | Curve  | Quantity   | Units   |
|-----------|--------------|--------------------|-------|----------|------------|--------------------------------|--------|------------|---------|
|           | 750          | STRAIGHT TIME BASE | S010  | CHEMISTS | K267S      | Analytical Laboratory Services | Linear | 3.700.00   | Hours   |
| Factors   | 2            | ea                 | 1850  | hrs      |            |                                |        |            |         |
| Resources | Cost Element |                    | Skill |          | Department |                                | Curve  | Quantity   | Units   |
|           | A5H          | SUBCONTRACTED SRVS | S010  | CHEMISTS | K267S      | Analytical Laboratory Services | Linear | 179.627.80 | Dollars |
| Factors   | 2            | ea                 | 1850  | hrs      | 60         | dollars                        |        |            |         |

0.80913 [SYS 061400] .80704 - System

**Line Item 102 - Radiological Engineering Support**

|     |  |  |  |  |  |  |  |  |  |  |  |  |
|-----|--|--|--|--|--|--|--|--|--|--|--|--|
| BOE | Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99 |  |  |  |  |  |  |  |  |  |  |  |
|-----|--|--|--|--|--|--|--|--|--|--|--|--|

WBS No: 1HAH1010  
Activity ID: 1HAH101004

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1HAH  
Activity Filter \* Starts In FY \*

Item Desc - Review & approve PRE's  
Breakdown of Historical Data:  
Item - Labor  
Units - ea.  
Unit Cost -  
Unit Cost Adjustment factor -  
Revised Unit Cost -  
Basis for adjustment -

| Resources |                    | Cost Element | Skill           | Department | Curve         | Quantity | Units    |
|-----------|--------------------|--------------|-----------------|------------|---------------|----------|----------|
| 750       | STRAIGHT TIME BASE | E130         | OTHER ENGINEERS | R100S      | RMRS Salaried | Linear   | 1.850.00 |
| Factors   | 1                  | ea           | 1850            | hrs        |               |          |          |

**Line Item SYS - Contingency And Escalation**  
**BOE**

| Resources |             | Cost Element | Skill | Department | Curve         | Quantity | Units     |
|-----------|-------------|--------------|-------|------------|---------------|----------|-----------|
| CON       | CONTINGENCY | 0000         | NONE  | ZDEPT      | No Department | Linear   | 19.030.76 |
| Factors   | 19030.8     | Dollars      |       |            |               |          |           |
| ESC       | ESCALATION  | 0000         | NONE  | ZDEPT      | No Department | Linear   | 39.297.49 |
| Factors   | 39297.5     | Dollars      |       |            |               |          |           |

Activity ID: 1HAH101005 Description: Analytical Project Integration

Cost Risk 1 Schedule Risk 1

| Line Item                      | Description                      | Quantity | Units | BOE Type | Labor Hours/Unit | Labor Hours Total | Labor Cost Total | Materials/ Sub Cost | Contingency & Escalation | Total Prime Cost | Burden Cost | Total Cost |
|--------------------------------|----------------------------------|----------|-------|----------|------------------|-------------------|------------------|---------------------|--------------------------|------------------|-------------|------------|
| 101                            | Project Interface                | 1.00     | each  | HC       | 3.700            | 3.700             | 115.847          | 89.814              | 0                        | 205.661          | 40.315      | 245.976    |
| 102                            | Radiological Engineering Support | 1.00     | each  | HC       | 1.850            | 1.850             | 63.288           | 0                   | 0                        | 63.288           | 22.024      | 85.313     |
| SYS                            | Contingency And Escalation       | 1.00     | ea    | EE       | 0                | 0                 | 0                | 0                   | 176.772                  | 176.772          | 0           | 176.772    |
| Total for Activity 1HAH101005: |                                  |          |       |          |                  | 5.550             | 179.135          | 89.814              | 176.772                  | 445.721          | 62.339      | 508.060    |

**Line Item 101 - Project Interface**

**BOE**  
Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99  
Item Desc - Project integration  
Breakdown of Historical Data:  
Item - Labor  
Units - ea.  
Unit Cost -  
Unit Cost Adjustment factor -  
Revised Unit Cost -  
Basis for adjustment -  
  
This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

| Resources |                    | Cost Element | Skill    | Department | Curve                          | Quantity | Units     |
|-----------|--------------------|--------------|----------|------------|--------------------------------|----------|-----------|
| 750       | STRAIGHT TIME BASE | S010         | CHEMISTS | K267S      | Analytical Laboratory Services | Linear   | 3.700.00  |
| Factors   | 2                  | ea           | 1850     | hrs        |                                |          |           |
| A5H       | SUBCONTRACTED SRVS | S010         | CHEMISTS | K267S      | Analytical Laboratory Services | Linear   | 89.813.90 |
| Factors   | 1                  | ea           | 1850     | hrs        | 60                             | dollars  |           |

0.80913 [SYS 061400] .80704 - System

**Line Item 102 - Radiological Engineering Support**

**BOE**  
Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99  
Item Desc - Review & approve PRE's  
Breakdown of Historical Data:  
Item - Labor  
Units - ea.  
Unit Cost -  
Unit Cost Adjustment factor -  
Revised Unit Cost -  
Basis for adjustment -

| Resources |  | Cost Element | Skill | Department | Curve | Quantity | Units |
|-----------|--|--------------|-------|------------|-------|----------|-------|
|-----------|--|--------------|-------|------------|-------|----------|-------|

WBS No: 1HAH1010  
Activity ID: 1HAH101005

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project  
WBS Filter  
Activity Filter  
Baseline Devl  
1HAH  
\*

|         |                    |      |                 |       |               |        |          |       |
|---------|--------------------|------|-----------------|-------|---------------|--------|----------|-------|
| 750     | STRAIGHT TIME BASE | E130 | OTHER ENGINEERS | R100S | RMRS Salaried | Linear | 1.850.00 | Hours |
| Factors | 1                  | ea   | 1850            | hrs   |               |        |          |       |

**Line Item SYS - Contingency And Escalation**

**BOE**

**Resources**

| Cost Element    | Skill     | Department          | Curve  | Quantity   | Units   |
|-----------------|-----------|---------------------|--------|------------|---------|
| CON CONTINGENCY | 0000 NONE | ZDEPT No Department | Linear | 125.450.20 | Dollars |
| Factors         | 125450    | Dollars             |        |            |         |
| ESC ESCALATION  | 0000 NONE | ZDEPT No Department | Linear | 51.321.72  | Dollars |
| Factors         | 51321.7   | Dollars             |        |            |         |

Activity ID: 1HAH101011 Description: Records Management

Cost Risk 1 Schedule Risk 1

| Line Item                      | Description                  | Quantity | Units | BOE Type | Labor Hours/Unit | Labor Hours Total | Labor Cost Total | Materials/ Sub Cost | Contingency & Escalation | Total Prime Cost | Burden Cost | Total Cost |
|--------------------------------|------------------------------|----------|-------|----------|------------------|-------------------|------------------|---------------------|--------------------------|------------------|-------------|------------|
| 101                            | Analytical Report Management | 1.00     | each  | VQ       | 0                | 0                 | 0                | 263.873             | 0                        | 263.873          | 0           | 263.873    |
| 102                            | Disposition B881 Lab Records | 1.00     | each  | EE       | 0                | 0                 | 0                | 46.744              | 0                        | 46.744           | 0           | 46.744     |
| SYS                            | Contingency And Escalation   | 1.00     | ea    | EE       | 0                | 0                 | 0                | 0                   | 16.432                   | 16.432           | 0           | 16.432     |
| Total for Activity 1HAH101011: |                              |          |       |          |                  | 0                 | 0                | 310.618             | 16.432                   | 327.049          | 0           | 327.049    |

**Line Item 101 - Analytical Report Management**

**BOE**

Vendor Name - Source One  
Vendor Quote - FY01 Management of analytical reports and records.  
Quote Received by - R. Stagner  
Date Received - 4/20/00  
Item being quoted - Records Management  
Other Info -  
Availability -  
  
This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

**Resources**

| Cost Element           | Skill                             | Department                           | Curve  | Quantity   | Units   |
|------------------------|-----------------------------------|--------------------------------------|--------|------------|---------|
| A55 SOURCE ONE         | P170 OTHER ADMINISTRATIVE & PROFE | K267S Analytical Laboratory Services | Linear | 22.000.00  | Dollars |
| Factors                | 1                                 | ls                                   |        |            |         |
|                        | 22000                             | dollars                              |        |            |         |
| A55 SOURCE ONE         | P170 OTHER ADMINISTRATIVE & PROFE | K267S Analytical Laboratory Services | Linear | 229.000.00 | Dollars |
| Factors                | 1                                 | ls                                   |        |            |         |
|                        | 229000                            | dollars                              |        |            |         |
| A5C SUPPLIES           | 0000 NONE                         | K267S Analytical Laboratory Services | Linear | 4.400.00   | Dollars |
| Factors                | 2                                 | ea                                   |        |            |         |
|                        | 2200                              | dollars                              |        |            |         |
| A5C SUPPLIES           | 0000 NONE                         | K267S Analytical Laboratory Services | Linear | 2.000.00   | Dollars |
| Factors                | 1                                 | ls                                   |        |            |         |
|                        | 2000                              | dollars                              |        |            |         |
| A5H SUBCONTRACTED SRVS | 0000 NONE                         | K267S Analytical Laboratory Services | Linear | 6.473.07   | Dollars |
| Factors                | 1                                 | ls                                   |        |            |         |
|                        | 8000                              | dollars                              |        |            |         |

0.80913 [SYS 061400] .80704 - System

**Line Item 102 - Disposition B881 Lab Records**

**BOE**

Estimators Experience -  
Experience Item Desc - Historical costs for analysis for Be, historical costs for completing radiological release of property, historical costs for removal of records from onsite Buildings. Vendor (Source One) input into estimated costs for destruction, preparation for storage, and shipping records offsite to Federal Center.  
Breakdown of Cost Data:  
Item - Lab records  
Units -  
Unit Cost -  
Unit Cost Adjustment factor -  
Revised Unit Cost -  
Basis for adjustment -  
  
This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

**Resources**

| Cost Element | Skill | Department | Curve | Quantity | Units |
|--------------|-------|------------|-------|----------|-------|
|--------------|-------|------------|-------|----------|-------|

WBS No: 1HAH1010  
Activity ID: 1HAH10101

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1HAH  
Activity Filter \*

|         |                    |      |       |         |                                |        |           |         |
|---------|--------------------|------|-------|---------|--------------------------------|--------|-----------|---------|
| A5H     | SUBCONTRACTED SRVS | 0000 | NONE  | K267S   | Analytical Laboratory Services | Linear | 46,744.50 | Dollars |
| Factors | 1                  | ls   | 57771 | dollars |                                |        |           |         |

0.80913 [SYS 061400] .80704 - System

**Line Item SYS - Contingency And Escalation**

**BOE**

**Resources**

| Cost Element |                 | Skill |      | Department |               | Curve  | Quantity | Units   |
|--------------|-----------------|-------|------|------------|---------------|--------|----------|---------|
| CON          | CONTINGENCY     | 0000  | NONE | ZDEPT      | No Department | Linear | 9,900.13 | Dollars |
| Factors      | 9900.13 Dollars |       |      |            |               |        |          |         |
| ESC          | ESCALATION      | 0000  | NONE | ZDEPT      | No Department | Linear | 6,531.59 | Dollars |
| Factors      | 6531.59 Dollars |       |      |            |               |        |          |         |

Activity ID: 1HAH101012 Description: Records Management

Cost Risk 1 Schedule Risk 1

| Line Item                      | Description                  | Quantity | Units | BOE Type | Labor Hours/Unit | Labor Hours Total | Labor Cost Total | Materials/ Sub Cost | Contingency & Escalation | Total Prime Cost | Burden Cost | Total Cost |
|--------------------------------|------------------------------|----------|-------|----------|------------------|-------------------|------------------|---------------------|--------------------------|------------------|-------------|------------|
| 101                            | Analytical Report Management | 1.00     | each  | VQ       | 0                | 0                 | 0                | 264.873             | 0                        | 264.873          | 0           | 264.873    |
| SYS                            | Contingency And Escalation   | 1.00     | ea    | EE       | 0                | 0                 | 0                | 0                   | 39.487                   | 39.487           | 0           | 39.487     |
| Total for Activity 1HAH101012: |                              |          |       |          |                  | 0                 | 0                | 264.873             | 39.487                   | 304.360          | 0           | 304.360    |

**Line Item 101 - Analytical Report Management**

**BOE**

Vendor Name - Source One  
Vendor Quote - FY02 Management of analytical reports and records.  
Quote Received by - R. Stagner  
Date Received - 4/20/00  
Item being quoted - Records Management  
Other Info -  
Availability -  
  
This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

**Resources**

| Cost Element |                    |    | Skill          |                              | Department             |                                | Curve  | Quantity   | Units   |
|--------------|--------------------|----|----------------|------------------------------|------------------------|--------------------------------|--------|------------|---------|
| A55          | SOURCE ONE         |    | P170           | OTHER ADMINISTRATIVE & PROFE | K267S                  | Analytical Laboratory Services | Linear | 2,000.00   | Dollars |
| Factors      | 1                  | ls | 2000 dollars   |                              | Target Adjust 05/30/00 |                                |        |            |         |
| A55          | SOURCE ONE         |    | P170           | OTHER ADMINISTRATIVE & PROFE | K267S                  | Analytical Laboratory Services | Linear | 250,000.00 | Dollars |
| Factors      | 1                  | ls | 250000 dollars |                              |                        |                                |        |            |         |
| A5C          | SUPPLIES           |    | 0000           | NONE                         | K267S                  | Analytical Laboratory Services | Linear | 4,400.00   | Dollars |
| Factors      | 2                  | ea | 2200 dollars   |                              |                        |                                |        |            |         |
| A5C          | SUPPLIES           |    | 0000           | NONE                         | K267S                  | Analytical Laboratory Services | Linear | 2,000.00   | Dollars |
| Factors      | 1                  | ls | 2000 dollars   |                              |                        |                                |        |            |         |
| A5H          | SUBCONTRACTED SRVS |    | 0000           | NONE                         | K267S                  | Analytical Laboratory Services | Linear | 6,473.07   | Dollars |
| Factors      | 1                  | ls | 8000 dollars   |                              |                        |                                |        |            |         |

0.80913 [SYS 061400] .80704 - System

**Line Item SYS - Contingency And Escalation**

**BOE**

**Resources**

| Cost Element            |             | Skill |      | Department |               | Curve  | Quantity  | Units   |
|-------------------------|-------------|-------|------|------------|---------------|--------|-----------|---------|
| CON                     | CONTINGENCY | 0000  | NONE | ZDEPT      | No Department | Linear | 27,108.93 | Dollars |
| Factors 27108.9 Dollars |             |       |      |            |               |        |           |         |
| ESC                     | ESCALATION  | 0000  | NONE | ZDEPT      | No Department | Linear | 12,377.90 | Dollars |
| Factors 12377.9 Dollars |             |       |      |            |               |        |           |         |

Activity ID: 1HAH101013 Description: Records Management

Cost Risk 1 Schedule Risk 1

| Line Item                      | Description                  | Quantity | Units | BOE Type | Labor Hours/Unit | Labor Hours Total | Labor Cost Total | Materials/ Sub Cost | Contingency & Escalation | Total Prime Cost | Burden Cost | Total Cost |
|--------------------------------|------------------------------|----------|-------|----------|------------------|-------------------|------------------|---------------------|--------------------------|------------------|-------------|------------|
| 101                            | Analytical Report Management | 1.00     | each  | VQ       | 0                | 0                 | 0                | 254.310             | 0                        | 254.310          | 0           | 254.310    |
| SYS                            | Contingency And Escalation   | 1.00     | ea    | EE       | 0                | 0                 | 0                | 0                   | 70.330                   | 70.330           | 0           | 70.330     |
| Total for Activity 1HAH101013: |                              |          |       |          |                  | 0                 | 0                | 254.310             | 70.330                   | 324.640          | 0           | 324.640    |

WBS No: 1HAH1010  
Activity ID: 1HAH101013

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1HAH  
Activity Filter \*

Starts In FY \*

**Line Item 101 - Analytical Report Management**

**BOE**  
Vendor Name - Source One  
Vendor Quote - FY03 Management of analytical reports and records.  
Quote Received by - R. Stagner  
Date Received - 4/20/00  
Item being quoted - Records Management  
Other Info -  
Availability -  
  
This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

| Resources |                    | Cost Element | Skill                        | Department | Curve                          | Quantity | Units              |
|-----------|--------------------|--------------|------------------------------|------------|--------------------------------|----------|--------------------|
| A55       | SOURCE ONE         | P170         | OTHER ADMINISTRATIVE & PROFE | K267S      | Analvtical Laboratory Services | Linear   | 245.836.50 Dollars |
| Factors   | 1                  | Is           | 273000 dollars               | 0.9005     | Target Cut 05/30/00            |          |                    |
| A5C       | SUPPLIES           | 0000         | NONE                         | K267S      | Analvtical Laboratory Services | Linear   | 2.000.00 Dollars   |
| Factors   | 1                  | Is           | 2000 dollars                 |            |                                |          |                    |
| A5H       | SUBCONTRACTED SRVS | 0000         | NONE                         | K267S      | Analvtical Laboratory Services | Linear   | 6.473.07 Dollars   |
| Factors   | 1                  | Is           | 8000 dollars                 |            |                                |          |                    |

0.80913 [SYS 061400] .80704 - Svsstem

**Line Item SYS - Contingency And Escalation**

| Resources |             | Cost Element | Skill | Department | Curve         | Quantity | Units             |
|-----------|-------------|--------------|-------|------------|---------------|----------|-------------------|
| CON       | CONTINGENCY | 0000         | NONE  | ZDEPT      | No Department | Linear   | 50.828.28 Dollars |
| Factors   | 50828.3     | Dollars      |       |            |               |          |                   |
| ESC       | ESCALATION  | 0000         | NONE  | ZDEPT      | No Department | Linear   | 19.501.80 Dollars |
| Factors   | 19501.8     | Dollars      |       |            |               |          |                   |

Activity ID: 1HAH101014 Description: Records Management

Cost Risk 1 Schedule Risk 1

| Line Item                      | Description                  | Quantity | Units | BOE Type | Labor Hours/Unit | Labor Hours Total | Labor Cost Total | Materials/ Sub Cost | Contingency & Escalation | Total Prime Cost | Burden Cost | Total Cost |
|--------------------------------|------------------------------|----------|-------|----------|------------------|-------------------|------------------|---------------------|--------------------------|------------------|-------------|------------|
| 101                            | Analytical Report Management | 1.00     | each  | VQ       | 0                | 0                 | 0                | 255.473             | 0                        | 255.473          | 0           | 255.473    |
| SYS                            | Contingency And Escalation   | 1.00     | ea    | EE       | 0                | 0                 | 0                | 0                   | 36.409                   | 36.409           | 0           | 36.409     |
| Total for Activity 1HAH101014: |                              |          |       |          |                  | 0                 | 0                | 255.473             | 36.409                   | 291.882          | 0           | 291.882    |

**Line Item 101 - Analytical Report Management**

**BOE**  
Vendor Name - Source One  
Vendor Quote - FY04 Management of analytical reports and records.  
Quote Received by - R. Stagner  
Date Received - 4/20/00  
Item being quoted - Records Management  
Other Info -  
Availability -  
  
This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

| Resources |                    | Cost Element | Skill                        | Department | Curve                          | Quantity | Units              |
|-----------|--------------------|--------------|------------------------------|------------|--------------------------------|----------|--------------------|
| A55       | SOURCE ONE         | P170         | OTHER ADMINISTRATIVE & PROFE | K267S      | Analvtical Laboratory Services | Linear   | 246.999.90 Dollars |
| Factors   | 1                  | Is           | 284000 dollars               | 0.86972    | Target Cut 05/30/00            |          |                    |
| A5C       | SUPPLIES           | 0000         | NONE                         | K267S      | Analvtical Laboratory Services | Linear   | 2.000.00 Dollars   |
| Factors   | 1                  | Is           | 2000 dollars                 |            |                                |          |                    |
| A5H       | SUBCONTRACTED SRVS | 0000         | NONE                         | K267S      | Analvtical Laboratory Services | Linear   | 6.473.07 Dollars   |
| Factors   | 1                  | Is           | 8000 dollars                 |            |                                |          |                    |

0.80913 [SYS 061400] .80704 - Svsstem

**Line Item SYS - Contingency And Escalation**

| Resources |             | Cost Element | Skill | Department | Curve         | Quantity | Units             |
|-----------|-------------|--------------|-------|------------|---------------|----------|-------------------|
| CON       | CONTINGENCY | 0000         | NONE  | ZDEPT      | No Department | Linear   | 11.879.03 Dollars |
| Factors   | 11879.0     | Dollars      |       |            |               |          |                   |

WBS No: 1HAH1010  
Activity ID: 1HAH101014

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1HAH  
Activity Filter \*

Starts In FY \*

|     |            |      |      |       |               |        |           |         |
|-----|------------|------|------|-------|---------------|--------|-----------|---------|
| ESC | ESCALATION | 0000 | NONE | ZDEPT | No Department | Linear | 24,529.56 | Dollars |
|-----|------------|------|------|-------|---------------|--------|-----------|---------|

Factors 24529.6 Dollars

Activity ID: 1HAH101015 Description: Records Management

Cost Risk 1 Schedule Risk 1

| Line Item                      | Description                  | Quantity | Units | BOE Type | Labor Hours/Unit | Labor Hours Total | Labor Cost Total | Materials/ Sub Cost | Contingency & Escalation | Total Prime Cost | Burden Cost | Total Cost |
|--------------------------------|------------------------------|----------|-------|----------|------------------|-------------------|------------------|---------------------|--------------------------|------------------|-------------|------------|
| 101                            | Analytical Report Management | 1.00     | each  | VQ       | 0                | 0                 | 0                | 384.000             | 0                        | 384.000          | 0           | 384.000    |
| SYS                            | Contingency And Escalation   | 1.00     | ea    | EE       | 0                | 0                 | 0                | 0                   | 204.898                  | 204.898          | 0           | 204.898    |
| Total for Activity 1HAH101015: |                              |          |       |          |                  | 0                 | 0                | 384.000             | 204.898                  | 588.898          | 0           | 588.898    |

**Line Item 101 - Analytical Report Management**

**BOE**  
Vendor Name - Source One  
Vendor Quote - FY05 Management of analytical reports and records.  
Quote Received by - R. Stagner  
Date Received - 4/20/00  
Item being quoted - Records Management  
Other Info -  
Availability -

| Resources | Cost Element |            |                | Skill                        |                              | Department                     |                                | Curve  | Quantity   | Units   |
|-----------|--------------|------------|----------------|------------------------------|------------------------------|--------------------------------|--------------------------------|--------|------------|---------|
|           | A55          | SOURCE ONE |                | P170                         | OTHER ADMINISTRATIVE & PROFE | K267S                          | Analytical Laboratory Services | Linear | 295.000.00 | Dollars |
| Factors   | 1            | Is         | 295000 dollars |                              |                              |                                |                                |        |            |         |
| A55       | SOURCE ONE   |            | P170           | OTHER ADMINISTRATIVE & PROFE | K267S                        | Analytical Laboratory Services |                                | Linear | 87.000.00  | Dollars |
| Factors   | 1            | Is         | 87000 dollars  |                              |                              |                                |                                |        |            |         |
|           |              |            |                |                              |                              | Target Adjust 05/30/00         |                                |        |            |         |
| A5C       | SUPPLIES     |            | 0000           | NONE                         | K267S                        | Analytical Laboratory Services |                                | Linear | 2.000.00   | Dollars |
| Factors   | 1            | Is         | 2000 dollars   |                              |                              |                                |                                |        |            |         |

**Line Item SYS - Contingency And Escalation**

|           |                         |             |  |       |      |            |               |        |            |         |
|-----------|-------------------------|-------------|--|-------|------|------------|---------------|--------|------------|---------|
| BOE       |                         |             |  |       |      |            |               |        |            |         |
| Resources | Cost Element            |             |  | Skill |      | Department |               | Curve  | Quantity   | Units   |
|           | CON                     | CONTINGENCY |  | 0000  | NONE | ZDEPT      | No Department | Linear | 145.410.60 | Dollars |
|           | Factors 145411 Dollars  |             |  |       |      |            |               |        |            |         |
|           | ESC                     | ESCALATION  |  | 0000  | NONE | ZDEPT      | No Department | Linear | 59.487.54  | Dollars |
|           | Factors 59487.5 Dollars |             |  |       |      |            |               |        |            |         |

Activity ID: 1HAH101016 Description: End of Records Management

Cost Risk 1 Schedule Risk 1

| Line Item                      | Description                  | Quantity | Units | BOE Type | Labor Hours/Unit | Labor Hours Total | Labor Cost Total | Materials/ Sub Cost | Contingency & Escalation | Total Prime Cost | Burden Cost | Total Cost |
|--------------------------------|------------------------------|----------|-------|----------|------------------|-------------------|------------------|---------------------|--------------------------|------------------|-------------|------------|
| 101                            | Analytical Report Management | 1.00     | each  | VQ       | 0                | 0                 | 0                | 66.000              | 0                        | 66.000           | 0           | 66.000     |
| SYS                            | Contingency And Escalation   | 1.00     | ea    | EE       | 0                | 0                 | 0                | 0                   | 27.658                   | 27.658           | 0           | 27.658     |
| Total for Activity 1HAH101016: |                              |          |       |          |                  | 0                 | 0                | 66.000              | 27.658                   | 93.658           | 0           | 93.658     |

**Line Item 101 - Analytical Report Management**

**BOE**  
Vendor Name - Source One  
Vendor Quote - FY06 Management of analytical reports and records.  
Quote Received by - R. Stagner  
Date Received - 4/20/00  
Item being quoted - Records Management  
Other Info -  
Availability -

| Resources |              |            |       |                              |            |                                |        |           |         |
|-----------|--------------|------------|-------|------------------------------|------------|--------------------------------|--------|-----------|---------|
|           | Cost Element |            | Skill |                              | Department |                                | Curve  | Quantity  | Units   |
|           | A55          | SOURCE ONE | P170  | OTHER ADMINISTRATIVE & PROFE | K267S      | Analytical Laboratory Services | Linear | 64.000.09 | Dollars |
|           | Factors      | 1          | Is    | 77000                        | dollars    | 0.83117 Target Cut 05/30/00    |        |           |         |
|           | A5C          | SUPPLIES   | 0000  | NONE                         | K267S      | Analytical Laboratory Services | Linear | 2.000.00  | Dollars |
| Factors   | 1            | Is         | 2000  | dollars                      |            |                                |        |           |         |

**Line Item SYS - Contingency And Escalation**

| Resources | Cost Element | Skill | Department | Curve | Quantity | Units |
|-----------|--------------|-------|------------|-------|----------|-------|
|-----------|--------------|-------|------------|-------|----------|-------|



WBS No: 1HAH1010  
Activity ID: 1HAH101016

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1HAH  
Activity Filter \*

|                         |             |      |      |       |               |        |           |         |
|-------------------------|-------------|------|------|-------|---------------|--------|-----------|---------|
| CON                     | CONTINGENCY | 0000 | NONE | ZDEPT | No Department | Linear | 15,189.06 | Dollars |
| Factors 15189.1 Dollars |             |      |      |       |               |        |           |         |
| ESC                     | ESCALATION  | 0000 | NONE | ZDEPT | No Department | Linear | 12,468.56 | Dollars |
| Factors 12468.6 Dollars |             |      |      |       |               |        |           |         |

Activity ID: 1HAH101021 Description: Quality Assurance

Cost Risk 1 Schedule Risk 1

| Line Item                      | Description                             | Quantity | Units | BOE Type | Labor Hours/Unit | Labor Hours Total | Labor Cost Total | Materials/ Sub Cost | Contingency & Escalation | Total Prime Cost | Burden Cost | Total Cost |
|--------------------------------|---|----------|-------|----------|------------------|-------------------|------------------|---------------------|--------------------------|------------------|-------------|------------|
| 101                            | Analytical Data Examination             | 1.00     | each  | HC       | 0                | 0                 | 0                | 590                 | 0                        | 590              | 0           | 590        |
| 103                            | Analytical Data Assess - 25% Valid.     | 1.00     | each  | HC       | 0                | 0                 | 0                | 65,054              | 0                        | 65,054           | 0           | 65,054     |
| 104                            | Laboratory Audits                       | 1.00     | each  | HC       | 480              | 480               | 15,029           | 19,500              | 0                        | 34,529           | 7,169       | 41,698     |
| 105                            | Analytical Services Procd Devel & Maint | 1.00     | each  | HC       | 196              | 196               | 6,140            | 0                   | 0                        | 6,140            | 2,929       | 9,069      |
| 106                            | Historical Data Qualifiers              | 1.00     | each  | HC       | 0                | 0                 | 0                | 262,490             | 0                        | 262,490          | 0           | 262,490    |
| SYS                            | Contingency And Escalation              | 1.00     | ea    | EE       | 0                | 0                 | 0                | 0                   | 20,044                   | 20,044           | 0           | 20,044     |
| Total for Activity 1HAH101021: |   |          |       |          |                  | 676               | 21,169           | 347,635             | 20,044                   | 388,847          | 10,097      | 398,945    |

**Line Item 101 - Analytical Data Examination**

|     |   |
|-----|---|
| BOE | Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99<br>Item Desc - Analytical data examination<br>Breakdown of Historical Data:<br>Item - Labor<br>Units - ea.<br>Unit Cost -<br>Unit Cost Adjustment factor -<br>Revised Unit Cost -<br>Basis for adjustment -<br><br>This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions. |
|-----|---|

| Resources | Cost Element |                    | Skill |          | Department |                                | Curve  | Quantity | Units   |
|-----------|--------------|--------------------|-------|----------|------------|--------------------------------|--------|----------|---------|
|           | A5H          | SUBCONTRACTED SRVS | S010  | CHEMISTS | K267S      | Analytical Laboratory Services | Linear | 589.78   | Dollars |
|           | Factors      | 1 ea               | 1850  | hrs      | 0.394      |                                |        |          |         |

0.80913 [SYS 061400] .80704 - System

**Line Item 103 - Analytical Data Assess - 25% Valid.**

|     |  |
|-----|--|
| BOE | Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99<br>Item Desc - Perform electronic data validation on 25% of the data packages<br>Breakdown of Historical Data:<br>Item - Data validation<br>Units - Data packages<br>Unit Cost -<br>Unit Cost Adjustment factor -<br>Revised Unit Cost -<br>Basis for adjustment -<br><br>This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions. |
|-----|--|

| Resources | Cost Element |                    |        | Skill |                              | Department |                                | Curve  | Quantity  | Units   |
|-----------|--------------|--------------------|--------|-------|------------------------------|------------|--------------------------------|--------|-----------|---------|
|           | A5H          | SUBCONTRACTED SRVS |        | P170  | OTHER ADMINISTRATIVE & PROFE | K267S      | Analytical Laboratory Services | Linear | 65.054.39 | Dollars |
|           | Factors      | 12                 | months | 6700  | dollars                      |            |                                |        |           |         |

0.80913 [SYS 061400] .80704 - System

**Line Item 104 - Laboratory Audits**

|     |  |
|-----|--|
| BOE | Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99<br>Item Desc - Offsite lab audits<br>Breakdown of Historical Data:<br>Item - Labor<br>Units - hrs<br>Unit Cost - 32 hrs/ea.<br>Unit Cost Adjustment factor -<br>Revised Unit Cost -<br>Basis for adjustment - |
|-----|--|

WBS No: 1HAH1010  
Activity ID: 1HAH101021

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1HAH  
Activity Filter \*

Starts In FY \*

Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99  
Item Desc - Offsite lab audits  
Breakdown of Historical Data:  
Item - Travel  
Units - ea.  
Unit Cost - 1300.00  
Unit Cost Adjustment factor -  
Revised Unit Cost -  
Basis for adjustment -

| Resources | Cost Element |                      |    | Skill |          | Department |                                | Curve  | Quantity  | Units   |
|-----------|--------------|----------------------|----|-------|----------|------------|--------------------------------|--------|-----------|---------|
|           | 750          | STRAIGHT TIME BASE   |    | S010  | CHEMISTS | K267S      | Analvtical Laboratory Services | Linear | 480.00    | Hours   |
|           | Factors      | 15                   | ea | 32    | hrs      |            |                                |        |           |         |
|           | A5M          | TRAVEL/TRAIN/RELOCAT |    | 0000  | NONE     | K267S      | Analvtical Laboratory Services | Linear | 19,500.00 | Dollars |
|           | Factors      | 15                   | ea | 1300  | dollars  |            |                                |        |           |         |

**Line Item 105 - Analytical Services Procd Devel & Maint**

BOE  
Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99  
Item Desc - Procedure development/update  
Breakdown of Historical Data:  
Item - Labor  
Units - ea.  
Unit Cost -  
Unit Cost Adjustment factor -  
Revised Unit Cost -  
Basis for adjustment -

| Resources | Cost Element |                    | Skill |          | Department |                                | Curve  | Quantity | Units |
|-----------|--------------|--------------------|-------|----------|------------|--------------------------------|--------|----------|-------|
|           | 750          | STRAIGHT TIME BASE | S010  | CHEMISTS | K267S      | Analvtical Laboratory Services | Linear | 196.10   | Hours |
|           | Factors      | 1 ea               | 1850  | hrs      | 0.106      |                                |        |          |       |

**Line Item 106 - Historical Data Qualifiers**

BOE  
Historical Data Source - Labor/ODCs cost report; 09/01/99 - 01/31/00.  
Item Desc - Validation qualifiers  
Breakdown of Historical Data:  
Item - Labor  
Units - ea.  
Unit Cost -  
Unit Cost Adjustment factor -  
Revised Unit Cost -  
Basis for adjustment -

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

| Resources | Cost Element |                    | Skill |                              | Department |                                | Curve  | Quantity   | Units   |
|-----------|--------------|--------------------|-------|------------------------------|------------|--------------------------------|--------|------------|---------|
|           | A5H          | SUBCONTRACTED SRVS | P170  | OTHER ADMINISTRATIVE & PROFE | K267S      | Analvtical Laboratory Services | Linear | 262,490.40 | Dollars |
|           | Factors      | 1                  | ls    | 324409                       | dollars    |                                |        |            |         |

0.80913 [SYS 061400] .80704 - System

**Line Item SYS - Contingency And Escalation**

BOE

| Resources | <i>Cost Element</i>            |             | <i>Skill</i> |      | <i>Department</i> |               | <i>Curve</i> | <i>Quantity</i> | <i>Units</i> |
|-----------|--------------------------------|-------------|--------------|------|-------------------|---------------|--------------|-----------------|--------------|
|           | CON                            | CONTINGENCY | 0000         | NONE | ZDEPT             | No Department | Linear       | 12,076.48       | Dollars      |
|           | <i>Factors</i> 12076.5 Dollars |             |              |      |                   |               |              |                 |              |
|           | ESC                            | ESCALATION  | 0000         | NONE | ZDEPT             | No Department | Linear       | 7,967.44        | Dollars      |
|           | <i>Factors</i> 7967.44 Dollars |             |              |      |                   |               |              |                 |              |

Activity ID: 1HAH101022 Description: Quality Assurance

Cost Risk 1 Schedule Risk 1

| Line Item | Description                         | Quantity | Units | BOE Type | Labor Hours/Unit | Labor Hours Total | Labor Cost Total | Materials/ Sub Cost | Contingency & Escalation | Total Prime Cost | Burden Cost | Total Cost |
|-----------|-------------------------------------|----------|-------|----------|------------------|-------------------|------------------|---------------------|--------------------------|------------------|-------------|------------|
| 101       | Analytical Data Examination         | 1.00     | each  | HC       | 0                | 0                 | 0                | 590                 | 0                        | 590              | 0           | 590        |
| 103       | Analytical Data Assess - 25% Valid. | 1.00     | each  | HC       | 0                | 0                 | 0                | 77,677              | 0                        | 77,677           | 0           | 77,677     |

WBS No: 1HAH1010  
Activity ID: 1HAH101022

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1HAH  
Activity Filter \*

Starts In FY \*

|                                |  |      |      |    |     |     |        |        |        |         |       |         |
|--------------------------------|--|------|------|----|-----|-----|--------|--------|--------|---------|-------|---------|
| 104                            | Laboratory Audits                        | 1.00 | each | HC | 480 | 480 | 15.029 | 19.500 | 0      | 34.529  | 5.305 | 39.834  |
| 105                            | Analytical Services Proc'd Devel & Maint | 1.00 | each | HC | 196 | 196 | 6.140  | 0      | 0      | 6.140   | 2.167 | 8.307   |
| SYS                            | Contingency And Escalation               | 1.00 | ea   | EE | 0   | 0   | 0      | 0      | 18.845 | 18.845  | 0     | 18.845  |
| Total for Activity 1HAH101022: |  |      |      |    |     | 676 | 21.169 | 97.767 | 18.845 | 137.780 | 7.473 | 145.253 |

**Line Item 101 - Analytical Data Examination**

|     |   |  |  |  |  |  |  |  |  |  |  |  |
|-----|---|--|--|--|--|--|--|--|--|--|--|--|
| BOE | Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99<br>Item Desc - Analytical data examination<br>Breakdown of Historical Data:<br>Item - labor<br>Units - ea.<br>Unit Cost -<br>Unit Cost Adjustment factor -<br>Revised Unit Cost -<br>Basis for adjustment -<br><br>This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions. |  |  |  |  |  |  |  |  |  |  |  |
|-----|---|--|--|--|--|--|--|--|--|--|--|--|

| Resources |                    | Cost Element | Skill    |       | Department                     |        | Curve | Quantity | Units   |
|-----------|--------------------|--------------|----------|-------|--------------------------------|--------|-------|----------|---------|
| A5H       | SUBCONTRACTED SRVS | S010         | CHEMISTS | K267S | Analytical Laboratory Services | Linear |       | 589.78   | Dollars |
| Factors   | 1                  | ea           | 1850     | hrs   | 0.394                          |        |       |          |         |

0.80913 [SYS 061400] .80704 - Svsstem

**Line Item 103 - Analytical Data Assess - 25% Valid.**

|     |  |  |  |  |  |  |  |  |  |  |  |  |
|-----|--|--|--|--|--|--|--|--|--|--|--|--|
| BOE | Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99<br>Item Desc - Perform electronic data validation on 25% of the data packages<br>Breakdown of Historical Data:<br>Item - Data validation<br>Units - Data packages<br>Unit Cost -<br>Unit Cost Adjustment factor -<br>Revised Unit Cost -<br>Basis for adjustment -<br><br>This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions. |  |  |  |  |  |  |  |  |  |  |  |
|-----|--|--|--|--|--|--|--|--|--|--|--|--|

| Resources |                    | Cost Element | Skill                        |         | Department                     |        | Curve | Quantity  | Units   |
|-----------|--------------------|--------------|------------------------------|---------|--------------------------------|--------|-------|-----------|---------|
| A5H       | SUBCONTRACTED SRVS | P170         | OTHER ADMINISTRATIVE & PROFF | K267S   | Analytical Laboratory Services | Linear |       | 77.676.89 | Dollars |
| Factors   | 12                 | months       | 8000                         | dollars |                                |        |       |           |         |

0.80913 [SYS 061400] .80704 - Svsstem

**Line Item 104 - Laboratory Audits**

|     |  |  |  |  |  |  |  |  |  |  |  |  |
|-----|--|--|--|--|--|--|--|--|--|--|--|--|
| BOE | Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99<br>Item Desc - Offsite lab audits<br>Breakdown of Historical Data:<br>Item - Labor<br>Units - hrs<br>Unit Cost - 32 hrs/ea.<br>Unit Cost Adjustment factor -<br>Revised Unit Cost -<br>Basis for adjustment -<br><br>Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99<br>Item Desc - Offsite lab audits<br>Breakdown of Historical Data:<br>Item - Travel<br>Units - ea.<br>Unit Cost - 1300.00<br>Unit Cost Adjustment factor -<br>Revised Unit Cost -<br>Basis for adjustment - |  |  |  |  |  |  |  |  |  |  |  |
|-----|--|--|--|--|--|--|--|--|--|--|--|--|

| Resources |  | Cost Element | Skill |  | Department |  | Curve | Quantity | Units |
|-----------|--|--------------|-------|--|------------|--|-------|----------|-------|
|-----------|--|--------------|-------|--|------------|--|-------|----------|-------|

WBS No: 1HAH1010  
Activity ID: 1HAH101022

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1HAH  
Activity Filter \*

Starts In FY \*

|         |                      |      |              |       |                                |        |           |         |
|---------|----------------------|------|--------------|-------|--------------------------------|--------|-----------|---------|
| 750     | STRAIGHT TIME BASE   | S010 | CHEMISTS     | K267S | Analytical Laboratory Services | Linear | 480.00    | Hours   |
| Factors | 15 ea                |      | 32 hrs       |       |                                |        |           |         |
| A5M     | TRAVEL/TRAIN/RELOCAT | 0000 | NONE         | K267S | Analytical Laboratory Services | Linear | 19,500.00 | Dollars |
| Factors | 15 ea                |      | 1300 dollars |       |                                |        |           |         |

**Line Item 105 - Analytical Services Proced Devel & Maint**

**BOE**

Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99  
Item Desc - Procedure development/update  
Breakdown of Historical Data:  
Item - Labor  
Units - ea.  
Unit Cost -  
Unit Cost Adjustment factor -  
Revised Unit Cost -  
Basis for adjustment -

**Resources**

| Cost Element |                    | Skill |          | Department |                                | Curve  | Quantity | Units |
|--------------|--------------------|-------|----------|------------|--------------------------------|--------|----------|-------|
| 750          | STRAIGHT TIME BASE | S010  | CHEMISTS | K267S      | Analytical Laboratory Services | Linear | 196.10   | Hours |
| Factors      | 1 ea               |       | 1850 hrs |            | 0.106                          |        |          |       |

**Line Item SYS - Contingency And Escalation**

**BOE**

**Resources**

| Cost Element |                 | Skill |      | Department |               | Curve  | Quantity  | Units   |
|--------------|-----------------|-------|------|------------|---------------|--------|-----------|---------|
| CON          | CONTINGENCY     | 0000  | NONE | ZDEPT      | No Department | Linear | 12,937.45 | Dollars |
| Factors      | 12937.5 Dollars |       |      |            |               |        |           |         |
| ESC          | ESCALATION      | 0000  | NONE | ZDEPT      | No Department | Linear | 5,907.22  | Dollars |
| Factors      | 5907.22 Dollars |       |      |            |               |        |           |         |

Activity ID: 1HAH101023 Description: Quality Assurance

Cost Risk 1 Schedule Risk 1

| Line Item                      | Description                              | Quantity | Units | BOE Type | Labor Hours/Unit | Labor Hours Total | Labor Cost Total | Materials/ Sub Cost | Contingency & Escalation | Total Prime Cost | Burden Cost | Total Cost |
|--------------------------------|--|----------|-------|----------|------------------|-------------------|------------------|---------------------|--------------------------|------------------|-------------|------------|
| 101                            | Analytical Data Examination              | 1.00     | each  | HC       | 0                | 0                 | 0                | 590                 | 0                        | 590              | 0           | 590        |
| 103                            | Analytical Data Assess - 25% Valid.      | 1.00     | each  | HC       | 0                | 0                 | 0                | 92,241              | 0                        | 92,241           | 0           | 92,241     |
| 104                            | Laboratory Audits                        | 1.00     | each  | HC       | 480              | 480               | 15,029           | 19,500              | 0                        | 34,529           | 5,200       | 39,729     |
| 105                            | Analytical Services Proced Devel & Maint | 1.00     | each  | HC       | 196              | 196               | 6,140            | 0                   | 0                        | 6,140            | 2,124       | 8,264      |
| SYS                            | Contingency And Escalation               | 1.00     | ea    | EE       | 0                | 0                 | 0                | 0                   | 38,945                   | 38,945           | 0           | 38,945     |
| Total for Activity 1HAH101023: |  |          |       |          |                  | 676               | 21,169           | 112,331             | 38,945                   | 172,445          | 7,324       | 179,769    |

**Line Item 101 - Analytical Data Examination**

**BOE**

Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99  
Item Desc - Analytical data examination  
Breakdown of Historical Data:  
Item - Labor  
Units - ea.  
Unit Cost -  
Unit Cost Adjustment factor -  
Revised Unit Cost -  
Basis for adjustment -  
  
This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

**Resources**

| Cost Element |                    |    | Skill |          | Department |                                | Curve | Quantity | Units  |         |
|--------------|--------------------|----|-------|----------|------------|--------------------------------|-------|----------|--------|---------|
| A5H          | SUBCONTRACTED SRVS |    | S010  | CHEMISTS | K267S      | Analytical Laboratory Services |       | Linear   | 589.78 | Dollars |
| Factors      | 1                  | ea |       | 1850     | hrs        | 0.394                          |       |          |        |         |

0.80913 [SYS 061400] .80704 - System

**Line Item 103 - Analytical Data Assess - 25% Valid.**

**BOE**

Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99  
Item Desc - Perform electronic data validation on 25% of the data packages  
Breakdown of Historical Data:  
Item - Data validation  
Units - Data packages

WBS No: 1HAH1010  
Activity ID: 1HAH101023

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1HAH  
Activity Filter \* Starts In FY \*

|  |  |  |  |  |  |  |
|--|--|--|--|--|--|--|
| Unit Cost -<br>Unit Cost Adjustment factor -<br>Revised Unit Cost -<br>Basis for adjustment -<br><br>This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions. |  |  |  |  |  |  |
|--|--|--|--|--|--|--|

| Resources |                    | Cost Element | Skill                        | Department | Curve                          | Quantity | Units             |
|-----------|--------------------|--------------|------------------------------|------------|--------------------------------|----------|-------------------|
| A5H       | SUBCONTRACTED SRVS | P170         | OTHER ADMINISTRATIVE & PROFE | K267S      | Analytical Laboratory Services | Linear   | 92.241.30 Dollars |
| Factors   | 12 months          |              | 9500 dollars                 |            |                                |          |                   |

0.80913 [SYS 061400] .80704 - System

**Line Item 104 - Laboratory Audits**

|     |  |  |  |  |  |  |  |
|-----|--|--|--|--|--|--|--|
| BOE |  | Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99<br>Item Desc - Offsite lab audits<br>Breakdown of Historical Data:<br>Item - Labor<br>Units - hrs<br>Unit Cost - 32 hrs/ea.<br>Unit Cost Adjustment factor -<br>Revised Unit Cost -<br>Basis for adjustment -<br><br>Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99<br>Item Desc - Offsite lab audits<br>Breakdown of Historical Data:<br>Item - Travel<br>Units - ea.<br>Unit Cost - 1300.00<br>Unit Cost Adjustment factor -<br>Revised Unit Cost -<br>Basis for adjustment - |  |  |  |  |  |
|-----|--|--|--|--|--|--|--|

| Resources |                      | Cost Element | Skill        | Department | Curve                          | Quantity | Units             |
|-----------|----------------------|--------------|--------------|------------|--------------------------------|----------|-------------------|
| 750       | STRAIGHT TIME BASE   | S010         | CHEMISTS     | K267S      | Analytical Laboratory Services | Linear   | 480.00 Hours      |
| Factors   | 15 ea                |              | 32 hrs       |            |                                |          |                   |
| A5M       | TRAVEL/TRAIN/RELOCAT | 0000         | NONE         | K267S      | Analytical Laboratory Services | Linear   | 19.500.00 Dollars |
| Factors   | 15 ea                |              | 1300 dollars |            |                                |          |                   |

**Line Item 105 - Analytical Services Proced Devel & Maint**

|     |  |   |  |  |  |  |  |
|-----|--|---|--|--|--|--|--|
| BOE |  | Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99<br>Item Desc - Procedure development/update<br>Breakdown of Historical Data:<br>Item - Labor<br>Units - ea.<br>Unit Cost -<br>Unit Cost Adjustment factor -<br>Revised Unit Cost -<br>Basis for adjustment - |  |  |  |  |  |
|-----|--|---|--|--|--|--|--|

| Resources |                    | Cost Element | Skill    | Department | Curve                          | Quantity | Units        |
|-----------|--------------------|--------------|----------|------------|--------------------------------|----------|--------------|
| 750       | STRAIGHT TIME BASE | S010         | CHEMISTS | K267S      | Analytical Laboratory Services | Linear   | 196.10 Hours |
| Factors   | 1 ea               |              | 1850 hrs |            | 0.106                          |          |              |

**Line Item SYS - Contingency And Escalation**

| BOE       |                 |              |       |            |               |          |                   |
|-----------|-----------------|--------------|-------|------------|---------------|----------|-------------------|
| Resources |                 | Cost Element | Skill | Department | Curve         | Quantity | Units             |
| CON       | CONTINGENCY     | 0000         | NONE  | ZDEPT      | No Department | Linear   | 28.146.20 Dollars |
| Factors   | 28146.2 Dollars |              |       |            |               |          |                   |
| ESC       | ESCALATION      | 0000         | NONE  | ZDEPT      | No Department | Linear   | 10.799.14 Dollars |
| Factors   | 10799.1 Dollars |              |       |            |               |          |                   |

Activity ID: 1HAH101024 Description: Quality Assurance

Cost Risk 1 Schedule Risk 1

WBS No: 1HAH1010  
Activity ID: 1HAH101024

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1HAH  
Activity Filter \*

Starts In FY \*

| Line Item                      | Description                               | Quantity | Units | BOE Type | Labor Hours/Unit | Labor Hours Total | Labor Cost Total | Materials/ Sub Cost | Contingency & Escalation | Total Prime Cost | Burden Cost | Total Cost |
|--------------------------------|---|----------|-------|----------|------------------|-------------------|------------------|---------------------|--------------------------|------------------|-------------|------------|
| 101                            | Analytical Data Examination               | 1.00     | each  | HC       | 0                | 0                 | 0                | 337                 | 0                        | 337              | 0           | 337        |
| 103                            | Analytical Data Assess - 25% Valid.       | 1.00     | each  | HC       | 0                | 0                 | 0                | 77.677              | 0                        | 77.677           | 0           | 77.677     |
| 104                            | Laboratory Audits                         | 1.00     | each  | HC       | 480              | 480               | 15.029           | 19.500              | 0                        | 34.529           | 4.238       | 38.767     |
| 105                            | Analytical Services Procecd Devel & Maint | 1.00     | each  | HC       | 152              | 152               | 4.750            | 0                   | 0                        | 4.750            | 1.339       | 6.089      |
| SYS                            | Contingency And Escalation                | 1.00     | ea    | EE       | 0                | 0                 | 0                | 0                   | 17.511                   | 17.511           | 0           | 17.511     |
| Total for Activity 1HAH101024: |   |          |       |          |                  | 632               | 19.779           | 97.514              | 17.511                   | 134.803          | 5.578       | 140.380    |

**Line Item 101 - Analytical Data Examination**

|     |   |  |  |  |  |  |  |  |  |  |  |  |
|-----|---|--|--|--|--|--|--|--|--|--|--|--|
| BOE | Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99<br>Item Desc - Analytical data examination<br>Breakdown of Historical Data:<br>Item - Labor<br>Units - ea.<br>Unit Cost -<br>Unit Cost Adjustment factor -<br>Revised Unit Cost -<br>Basis for adjustment -<br><br>This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions. |  |  |  |  |  |  |  |  |  |  |  |
|-----|---|--|--|--|--|--|--|--|--|--|--|--|

| Resources |                    |      | Cost Element | Skill | Department                     | Curve  | Quantity | Units   |
|-----------|--------------------|------|--------------|-------|--------------------------------|--------|----------|---------|
| A5H       | SUBCONTRACTED SRVS | S010 | CHEMISTS     | K267S | Analytical Laboratory Services | Linear | 336.80   | Dollars |
| Factors   | 1                  | ea   | 1850         | hrs   | 0.225                          |        |          |         |

0.80913 [SYS 061400] .80704 - Ssystem

**Line Item 103 - Analytical Data Assess - 25% Valid.**

|     |  |  |  |  |  |  |  |  |  |  |  |  |
|-----|--|--|--|--|--|--|--|--|--|--|--|--|
| BOE | Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99<br>Item Desc - Perform electronic data validation on 25% of the data packages<br>Breakdown of Historical Data:<br>Item - Data validation<br>Units - Data packages<br>Unit Cost -<br>Unit Cost Adjustment factor -<br>Revised Unit Cost -<br>Basis for adjustment -<br><br>This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions. |  |  |  |  |  |  |  |  |  |  |  |
|-----|--|--|--|--|--|--|--|--|--|--|--|--|

| Resources |                    |        | Cost Element                 | Skill   | Department                     | Curve  | Quantity  | Units   |
|-----------|--------------------|--------|------------------------------|---------|--------------------------------|--------|-----------|---------|
| A5H       | SUBCONTRACTED SRVS | P170   | OTHER ADMINISTRATIVE & PROFE | K267S   | Analytical Laboratory Services | Linear | 77.676.89 | Dollars |
| Factors   | 12                 | months | 8000                         | dollars |                                |        |           |         |

0.80913 [SYS 061400] .80704 - Ssystem

**Line Item 104 - Laboratory Audits**

|     |   |  |  |  |  |  |  |  |  |  |  |  |
|-----|---|--|--|--|--|--|--|--|--|--|--|--|
| BOE | Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99<br>Item Desc - Offsite lab audits<br>Breakdown of Historical Data:<br>Item - Labor<br>Units - hrs<br>Unit Cost - 32 hrs/ea.<br>Unit Cost Adjustment factor -<br>Revised Unit Cost -<br>Basis for adjustment -<br><br>Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99<br>Item Desc - Offsite lab audits<br>Breakdown of Historical Data:<br>Item - Travel<br>Units - ea.<br>Unit Cost - 1300.00<br>Unit Cost Adjustment factor - |  |  |  |  |  |  |  |  |  |  |  |
|-----|---|--|--|--|--|--|--|--|--|--|--|--|

WBS No: 1HAH1010  
Activity ID: 1HAH101024

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1HAH  
Activity Filter \* Starts In FY \*

|                        |
|------------------------|
| Revised Unit Cost -    |
| Basis for adjustment - |

| Resources | Cost Element         | Skill         | Department                           | Curve  | Quantity  | Units   |
|-----------|----------------------|---------------|--------------------------------------|--------|-----------|---------|
| 750       | STRAIGHT TIME BASE   | S010 CHEMISTS | K267S Analytical Laboratory Services | Linear | 480.00    | Hours   |
| Factors   | 15 ea                | 32 hrs        |                                      |        |           |         |
| A5M       | TRAVEL/TRAIN/RELOCAT | 0000 NONE     | K267S Analytical Laboratory Services | Linear | 19.500.00 | Dollars |
| Factors   | 15 ea                | 1300 dollars  |                                      |        |           |         |

**Line Item 105 - Analytical Services Procd Devel & Maint**

|     |   |
|-----|---|
| BOE | Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99<br>Item Desc - Procedure development/update<br>Breakdown of Historical Data:<br>Item - Labor<br>Units - ea.<br>Unit Cost -<br>Unit Cost Adjustment factor -<br>Revised Unit Cost -<br>Basis for adjustment - |
|-----|---|

| Resources | Cost Element       | Skill         | Department                           | Curve  | Quantity | Units |
|-----------|--------------------|---------------|--------------------------------------|--------|----------|-------|
| 750       | STRAIGHT TIME BASE | S010 CHEMISTS | K267S Analytical Laboratory Services | Linear | 151.70   | Hours |
| Factors   | 1 ea               | 1850 hrs      | 0.082                                |        |          |       |

**Line Item SYS - Contingency And Escalation**

|           |              |             |                 |       |      |            |               |        |           |         |
|-----------|--------------|-------------|-----------------|-------|------|------------|---------------|--------|-----------|---------|
| BOE       |              |             |                 |       |      |            |               |        |           |         |
| Resources | Cost Element |             |                 | Skill |      | Department |               | Curve  | Quantity  | Units   |
|           | CON          | CONTINGENCY |                 | 0000  | NONE | ZDEPT      | No Department | Linear | 5.713.22  | Dollars |
|           | Factors      |             | 5713.22 Dollars |       |      |            |               |        |           |         |
|           | ESC          | ESCALATION  |                 | 0000  | NONE | ZDEPT      | No Department | Linear | 11.797.50 | Dollars |
|           | Factors      |             | 11797.5 Dollars |       |      |            |               |        |           |         |

Activity ID: 1HAH101025 Description: Quality Assurance

Cost Risk 1 Schedule Risk 1

| Line Item                      | Description                             | Quantity | Units | BOE Type | Labor Hours/Unit | Labor Hours Total | Labor Cost Total | Materials/ Sub Cost | Contingency & Escalation | Total Prime Cost | Burden Cost | Total Cost |
|--------------------------------|---|----------|-------|----------|------------------|-------------------|------------------|---------------------|--------------------------|------------------|-------------|------------|
| 101                            | Analytical Data Examination             | 1.00     | each  | HC       | 0                | 0                 | 0                | 251                 | 0                        | 251              | 0           | 251        |
| 103                            | Analytical Data Assess - 25% Valid.     | 1.00     | each  | HC       | 0                | 0                 | 0                | 65.054              | 0                        | 65.054           | 0           | 65.054     |
| 104                            | Laboratory Audits                       | 1.00     | each  | HC       | 480              | 480               | 15.029           | 19.500              | 0                        | 34.529           | 5.230       | 39.759     |
| 105                            | Analytical Services Procd Devel & Maint | 1.00     | each  | HC       | 152              | 152               | 4.750            | 0                   | 0                        | 4.750            | 1.653       | 6.403      |
| SYS                            | Contingency And Escalation              | 1.00     | ea    | EE       | 0                | 0                 | 0                | 0                   | 59.478                   | 59.478           | 0           | 59.478     |
| Total for Activity 1HAH101025: |   |          |       |          |                  | 632               | 19.779           | 84.806              | 59.478                   | 164.062          | 6.883       | 170.945    |

**Line Item 101 - Analytical Data Examination**

|     |   |
|-----|---|
| BOE | Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99<br>Item Desc - Analytical data examination<br>Breakdown of Historical Data:<br>Item - Labor<br>Units - ea.<br>Unit Cost -<br>Unit Cost Adjustment factor -<br>Revised Unit Cost -<br>Basis for adjustment -<br><br>This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions. |
|-----|---|

| Resources | Cost Element       | Skill         | Department                           | Curve  | Quantity | Units   |
|-----------|--------------------|---------------|--------------------------------------|--------|----------|---------|
| A5H       | SUBCONTRACTED SRVS | S010 CHEMISTS | K267S Analytical Laboratory Services | Linear | 251.48   | Dollars |
| Factors   | 1 ea               | 1850 hrs      | 0.168                                |        |          |         |

0.80913 [SYS 061400] .80704 - Ssystem

**Line Item 103 - Analytical Data Assess - 25% Valid.**

|     |  |
|-----|--|
| BOE | Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99 |
|-----|--|

WBS No: 1HAH1010  
Activity ID: 1HAH101025

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1HAH  
Activity Filter \*

Starts In FY \*

Item Desc - Perform electronic data validation on 25% of the data packages  
Breakdown of Historical Data:  
Item - Data validation  
Units - Data packages  
Unit Cost -  
Unit Cost Adjustment factor -  
Revised Unit Cost -  
Basis for adjustment -

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

| Resources |                    | Cost Element | Skill                        | Department | Curve                          | Quantity | Units            |
|-----------|--------------------|--------------|------------------------------|------------|--------------------------------|----------|------------------|
| A5H       | SUBCONTRACTED SRVS | P170         | OTHER ADMINISTRATIVE & PROFE | K267S      | Analytical Laboratory Services | Linear   | 65.054.39Dollars |
| Factors   | 12 months          | 6700 dollars |                              |            |                                |          |                  |

0.80913 [SYS 061400] .80704 - System

**Line Item 104 - Laboratory Audits**

|     |  |  |  |  |  |  |  |
|-----|--|--|--|--|--|--|--|
| BOE | Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99   |  |  |  |  |  |  |
|     | Item Desc - Offsite lab audits<br>Breakdown of Historical Data:<br>Item - Labor<br>Units - hrs<br>Unit Cost - 32 hrs/ea.<br>Unit Cost Adjustment factor -<br>Revised Unit Cost -<br>Basis for adjustment - |  |  |  |  |  |  |
|     | Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99   |  |  |  |  |  |  |
|     | Item Desc - Offsite lab audits<br>Breakdown of Historical Data:<br>Item - Travel<br>Units - ea.<br>Unit Cost - 1300.00<br>Unit Cost Adjustment factor -<br>Revised Unit Cost -<br>Basis for adjustment -   |  |  |  |  |  |  |

| Resources |                      | Cost Element | Skill    | Department | Curve                          | Quantity | Units            |
|-----------|----------------------|--------------|----------|------------|--------------------------------|----------|------------------|
| 750       | STRAIGHT TIME BASE   | S010         | CHEMISTS | K267S      | Analytical Laboratory Services | Linear   | 480.00Hours      |
| Factors   | 15 ea                | 32 hrs       |          |            |                                |          |                  |
| A5M       | TRAVEL/TRAIN/RELOCAT | 0000         | NONE     | K267S      | Analytical Laboratory Services | Linear   | 19.500.00Dollars |
| Factors   | 15 ea                | 1300 dollars |          |            |                                |          |                  |

**Line Item 105 - Analytical Services Proced Devel & Maint**

|     |   |  |  |  |  |  |  |
|-----|---|--|--|--|--|--|--|
| BOE | Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99  |  |  |  |  |  |  |
|     | Item Desc - Procedure development/update<br>Breakdown of Historical Data:<br>Item - Labor<br>Units - ea.<br>Unit Cost -<br>Unit Cost Adjustment factor -<br>Revised Unit Cost -<br>Basis for adjustment - |  |  |  |  |  |  |

| Resources |                    | Cost Element | Skill    | Department | Curve                          | Quantity | Units       |
|-----------|--------------------|--------------|----------|------------|--------------------------------|----------|-------------|
| 750       | STRAIGHT TIME BASE | S010         | CHEMISTS | K267S      | Analytical Laboratory Services | Linear   | 151.70Hours |
| Factors   | 1 ea               | 1850 hrs     | 0.082    |            |                                |          |             |

**Line Item SYS - Contingency And Escalation**

| BOE       |                 |              |       |            |               |          |                  |
|-----------|-----------------|--------------|-------|------------|---------------|----------|------------------|
|           |                 |              |       |            |               |          |                  |
| Resources |                 | Cost Element | Skill | Department | Curve         | Quantity | Units            |
| CON       | CONTINGENCY     | 0000         | NONE  | ZDEPT      | No Department | Linear   | 42.209.71Dollars |
| Factors   | 42209.7 Dollars |              |       |            |               |          |                  |



WBS No: 1HAH1010  
Activity ID: 1HAH101025

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1HAH  
Activity Filter \*

Starts In FY \*

|     |            |      |      |       |               |        |           |         |
|-----|------------|------|------|-------|---------------|--------|-----------|---------|
| ESC | ESCALATION | 0000 | NONE | ZDEPT | No Department | Linear | 17,268.01 | Dollars |
|-----|------------|------|------|-------|---------------|--------|-----------|---------|

Factors 17268.0 Dollars

Activity ID: 1HAH101031 Description: Contract Oversight

Cost Risk 1 Schedule Risk 1

| Line Item                      | Description                           | Quantity | Units | BOE Type | Labor Hours/Unit | Labor Hours Total | Labor Cost Total | Materials/ Sub Cost | Contingency & Escalation | Total Prime Cost | Burden Cost | Total Cost |
|--------------------------------|---------------------------------------|----------|-------|----------|------------------|-------------------|------------------|---------------------|--------------------------|------------------|-------------|------------|
| 101                            | Contract Management - CTR's           | 1.00     | each  | HC       | 8.325            | 8.325             | 271.108          | 0                   | 0                        | 271.108          | 129.319     | 400.427    |
| 102                            | Contract Management - SA's            | 1.00     | each  | HC       | 1.850            | 1.850             | 48.525           | 0                   | 0                        | 48.525           | 23.147      | 71.672     |
| 103                            | SOW Development & Maintenance         | 1.00     | each  | HC       | 463              | 463               | 14.481           | 0                   | 0                        | 14.481           | 6.907       | 21.388     |
| 104                            | AVP Operations & Maintenance          | 1.00     | each  | HC       | 0                | 0                 | 0                | 59.200              | 0                        | 59.200           | 0           | 59.200     |
| 105                            | Accounts Payable / Accrual Processing | 1.00     | each  | HC       | 0                | 0                 | 0                | 59.200              | 0                        | 59.200           | 0           | 59.200     |
| SYS                            | Contingency And Escalation            | 1.00     | ea    | EE       | 0                | 0                 | 0                | 0                   | 32.369                   | 32.369           | 0           | 32.369     |
| Total for Activity 1HAH101031: |                                       |          |       |          |                  | 10.638            | 334.115          | 118.400             | 32.369                   | 484.884          | 159.373     | 644.256    |

**Line Item 101 - Contract Management - CTR's**

|     |  |
|-----|--|
| BOE | Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99<br>Item Desc - Contract Technical Representatives (CTRs)<br>Breakdown of Historical Data:<br>Item - Labor<br>Units - ea.<br>Unit Cost -<br>Unit Cost Adjustment factor -<br>Revised Unit Cost -<br>Basis for adjustment - |
|-----|--|

| Resources | Cost Element           | Skill                           | Department                           | Curve  | Quantity | Units |
|-----------|------------------------|---------------------------------|--------------------------------------|--------|----------|-------|
|           | 750 STRAIGHT TIME BASE | M030 MANAGEMENT INTEGRATORS (GR | K267S Analytical Laboratory Services | Linear | 925.00   | Hours |
| Factors   | 1 ea                   | 1850 hrs/vr                     | 0.5 ea                               |        |          |       |
|           | 750 STRAIGHT TIME BASE | S010 CHEMISTS                   | K267S Analytical Laboratory Services | Linear | 7,400.00 | Hours |
| Factors   | 4 ea                   | 1850 hrs/vr                     |                                      |        |          |       |

**Line Item 102 - Contract Management - SA's**

|     |   |
|-----|---|
| BOE | Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99<br>Item Desc - Subcontractor Administrators (SAs)<br>Breakdown of Historical Data:<br>Item - Labor<br>Units - ea.<br>Unit Cost -<br>Unit Cost Adjustment factor -<br>Revised Unit Cost -<br>Basis for adjustment - |
|-----|---|

| Resources | Cost Element           | Skill                             | Department                           | Curve  | Quantity | Units |
|-----------|------------------------|-----------------------------------|--------------------------------------|--------|----------|-------|
|           | 750 STRAIGHT TIME BASE | P170 OTHER ADMINISTRATIVE & PROFE | K267S Analytical Laboratory Services | Linear | 1,850.00 | Hours |
| Factors   | 1 ea                   | 1850 hrs/vr                       |                                      |        |          |       |

**Line Item 103 - SOW Development & Maintenance**

|     |  |
|-----|--|
| BOE | Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99<br>Item Desc - Statement of Work (SOW) development & maintenance<br>Breakdown of Historical Data:<br>Item - Labor<br>Units - ea.<br>Unit Cost -<br>Unit Cost Adjustment factor -<br>Revised Unit Cost -<br>Basis for adjustment - |
|-----|--|

| Resources | Cost Element           | Skill         | Department                           | Curve  | Quantity | Units |
|-----------|------------------------|---------------|--------------------------------------|--------|----------|-------|
|           | 750 STRAIGHT TIME BASE | S010 CHEMISTS | K267S Analytical Laboratory Services | Linear | 462.50   | Hours |
| Factors   | 1 ea                   | 1850 hrs/vr   | 0.25 ea                              |        |          |       |

**Line Item 104 - AVP Operations & Maintenance**

|     |  |
|-----|--|
| BOE | Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99 |
|-----|--|

WBS No: 1HAH1010  
Activity ID: 1HAH101031

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1HAH  
Activity Filter \*

Starts In FY \*

Item Desc - Automated Vendor Payment (AVP) sytem; electronic processing of Analytical Services subcontractor invoices.  
Breakdown of Historical Data:  
Item - Labor  
Units - ea.  
Unit Cost -  
Unit Cost Adjustment factor -  
Revised Unit Cost -  
Basis for adjustment -

| Resources |        | Cost Element | Skill |                              | Department |                                | Curve  | Quantity  | Units   |
|-----------|--------|--------------|-------|------------------------------|------------|--------------------------------|--------|-----------|---------|
| A52       | TENERA |              | P170  | OTHER ADMINISTRATIVE & PROFE | K267S      | Analytical Laboratory Services | Linear | 59,200.00 | Dollars |
| Factors   | 1      | ea           | 1850  | hrs/vr                       | 0.5        | ea                             | 64     | dollars   |         |

**Line Item 105 - Accounts Payable / Accrual Processing**

BOE  
Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99  
Item Desc - Processing of the site projects estimated incurred costs for analytical services.  
Breakdown of Historical Data:  
Item - Labor  
Units - ea.  
Unit Cost -  
Unit Cost Adjustment factor -  
Revised Unit Cost -  
Basis for adjustment -

| Resources |        | Cost Element | Skill |                              | Department |                                | Curve  | Quantity  | Units   |
|-----------|--------|--------------|-------|------------------------------|------------|--------------------------------|--------|-----------|---------|
| A52       | TENERA |              | P170  | OTHER ADMINISTRATIVE & PROFE | K267S      | Analytical Laboratory Services | Linear | 59,200.00 | Dollars |
| Factors   | 1      | ea           | 1850  | hrs/vr                       | 0.5        | ea                             | 64     | dollars   |         |

**Line Item SYS - Contingency And Escalation**

| Resources |             | Cost Element | Skill |      | Department |               | Curve  | Quantity  | Units   |
|-----------|-------------|--------------|-------|------|------------|---------------|--------|-----------|---------|
| CON       | CONTINGENCY |              | 0000  | NONE | ZDEPT      | No Department | Linear | 19,502.33 | Dollars |
| Factors   | 19502.3     | Dollars      |       |      |            |               |        |           |         |
| ESC       | ESCALATION  |              | 0000  | NONE | ZDEPT      | No Department | Linear | 12,866.62 | Dollars |
| Factors   | 12866.6     | Dollars      |       |      |            |               |        |           |         |

Activity ID: 1HAH101032 Description: Contract Oversight

Cost Risk 1 Schedule Risk 1

| Line Item                      | Description                           | Quantity | Units | BOE Type | Labor Hours/Unit | Labor Hours Total | Labor Cost Total | Materials/ Sub Cost | Contingency & Escalation | Total Prime Cost | Burden Cost | Total Cost |
|--------------------------------|---------------------------------------|----------|-------|----------|------------------|-------------------|------------------|---------------------|--------------------------|------------------|-------------|------------|
| 101                            | Contract Management - CTR's           | 1.00     | each  | HC       | 8,325            | 8,325             | 271,108          | 0                   | 0                        | 271,108          | 95,701      | 366,809    |
| 102                            | Contract Management - SA's            | 1.00     | each  | HC       | 1,850            | 1,850             | 48,525           | 0                   | 0                        | 48,525           | 17,130      | 65,655     |
| 103                            | SOW Development & Maintenance         | 1.00     | each  | HC       | 463              | 463               | 14,481           | 0                   | 0                        | 14,481           | 5,112       | 19,593     |
| 104                            | AVP Operations & Maintenance          | 1.00     | each  | HC       | 0                | 0                 | 0                | 59,200              | 0                        | 59,200           | 0           | 59,200     |
| 105                            | Accounts Payable / Accrual Processing | 1.00     | each  | HC       | 0                | 0                 | 0                | 59,200              | 0                        | 59,200           | 0           | 59,200     |
| SYS                            | Contingency And Escalation            | 1.00     | ea    | EE       | 0                | 0                 | 0                | 0                   | 85,043                   | 85,043           | 0           | 85,043     |
| Total for Activity 1HAH101032: |                                       |          |       |          |                  | 10,638            | 334,115          | 118,400             | 85,043                   | 537,557          | 117,942     | 655,500    |

**Line Item 101 - Contract Management - CTR's**

BOE  
Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99  
Item Desc - Contract Technical Representatives (CTRs)  
Breakdown of Historical Data:  
Item - Labor  
Units - ea.  
Unit Cost -  
Unit Cost Adjustment factor -  
Revised Unit Cost -  
Basis for adjustment -

| Resources |                    | Cost Element | Skill |                            | Department |                                | Curve  | Quantity | Units |
|-----------|--------------------|--------------|-------|----------------------------|------------|--------------------------------|--------|----------|-------|
| 750       | STRAIGHT TIME BASE |              | M030  | MANAGEMENT INTEGRATORS (GR | K267S      | Analytical Laboratory Services | Linear | 925.00   | Hours |
| Factors   | 1                  | ea           | 1850  | hrs/vr                     | 0.5        | ea                             |        |          |       |

WBS No: 1HAH1010  
Activity ID: 1HAH101032

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project  
WBS Filter  
Activity Filter  
Baseline Devl  
1HAH  
\*

Starts In FY \*

|         |                    |      |          |        |                                |        |          |       |
|---------|--------------------|------|----------|--------|--------------------------------|--------|----------|-------|
| 750     | STRAIGHT TIME BASE | S010 | CHEMISTS | K267S  | Analytical Laboratory Services | Linear | 7,400.00 | Hours |
| Factors | 4                  | ea   | 1850     | hrs/vr |                                |        |          |       |

**Line Item 102 - Contract Management - SA's**

BOE

Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99  
Item Desc - Subcontractor Administrators (SAs)  
Breakdown of Historical Data:  
Item - Labor  
Units - ea.  
Unit Cost -  
Unit Cost Adjustment factor -  
Revised Unit Cost -  
Basis for adjustment -

Resources

| Cost Element |                    |    | Skill |                              | Department |                                | Curve  | Quantity | Units |
|--------------|--------------------|----|-------|------------------------------|------------|--------------------------------|--------|----------|-------|
| 750          | STRAIGHT TIME BASE |    | P170  | OTHER ADMINISTRATIVE & PROFE | K267S      | Analytical Laboratory Services | Linear | 1,850.00 | Hours |
| Factors      | 1                  | ea | 1850  | hrs/vr                       |            |                                |        |          |       |

**Line Item 103 - SOW Development & Maintenance**

BOE

Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99  
Item Desc - Statement of Work (SOW) development & maintenance  
Breakdown of Historical Data:  
Item - Labor  
Units - ea.  
Unit Cost -  
Unit Cost Adjustment factor -  
Revised Unit Cost -  
Basis for adjustment -

Resources

| Cost Element |                    |    | Skill |          | Department |                                | Curve | Quantity | Units        |
|--------------|--------------------|----|-------|----------|------------|--------------------------------|-------|----------|--------------|
| 750          | STRAIGHT TIME BASE |    | S010  | CHEMISTS | K267S      | Analytical Laboratory Services |       | Linear   | 462.50 Hours |
| Factors      | 1                  | ea | 1850  | hrs/vr   | 0.25       | ea                             |       |          |              |

**Line Item 104 - AVP Operations & Maintenance**

BOE

Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99  
Item Desc - Automated Vendor Payment (AVP) sytem; electronic processing of Analytical Services subcontractor invoices.  
Breakdown of Historical Data:  
Item - Labor  
Units - ea.  
Unit Cost -  
Unit Cost Adjustment factor -  
Revised Unit Cost -  
Basis for adjustment -

Resources

| Cost Element |        |    | Skill |                              | Department |                                | Curve | Quantity | Units            |
|--------------|--------|----|-------|------------------------------|------------|--------------------------------|-------|----------|------------------|
| A52          | TENERA |    | P170  | OTHER ADMINISTRATIVE & PROFE | K267S      | Analytical Laboratory Services |       | Linear   | 59,200.00Dollars |
| Factors      | 1      | ea | 1850  | hrs/vr                       | 0.5        | ea                             | 64    | dollars  |                  |

**Line Item 105 - Accounts Payable / Accrual Processing**

BOE

Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99  
Item Desc - Processing of the site projects estimated incurred costs for analytical services.  
Breakdown of Historical Data:  
Item - Labor  
Units - ea.  
Unit Cost -  
Unit Cost Adjustment factor -  
Revised Unit Cost -  
Basis for adjustment -

Resources

| Cost Element |        |    | Skill |                              | Department |                                | Curve |         | Quantity  | Units   |
|--------------|--------|----|-------|------------------------------|------------|--------------------------------|-------|---------|-----------|---------|
| A52          | TENERA |    | P170  | OTHER ADMINISTRATIVE & PROFE | K267S      | Analytical Laboratory Services |       | Linear  | 59,200.00 | Dollars |
| Factors      | 1      | ea | 1850  | hrs/vr                       | 0.5        | ea                             | 64    | dollars |           |         |

**Line Item SYS - Contingency And Escalation**

BOE

WBS No: 1HAH1010  
Activity ID: 1HAH101032

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1HAH  
Activity Filter \*

Starts In FY \*

| Resources |             | Cost Element    | Skill | Department | Curve         | Quantity | Units             |
|-----------|-------------|-----------------|-------|------------|---------------|----------|-------------------|
| CON       | CONTINGENCY | 0000            | NONE  | ZDEPT      | No Department | Linear   | 58.384.50 Dollars |
| Factors   |             | 58384.5 Dollars |       |            |               |          |                   |
| ESC       | ESCALATION  | 0000            | NONE  | ZDEPT      | No Department | Linear   | 26.658.28 Dollars |
| Factors   |             | 26658.3 Dollars |       |            |               |          |                   |

Activity ID: 1HAH101033 Description: Contract Oversight

Cost Risk 1 Schedule Risk 1

| Line Item                      | Description                           | Quantity | Units | BOE Type | Labor Hours/Unit | Labor Hours Total | Labor Cost Total | Materials/ Sub Cost | Contingency & Escalation | Total Prime Cost | Burden Cost | Total Cost |
|--------------------------------|---------------------------------------|----------|-------|----------|------------------|-------------------|------------------|---------------------|--------------------------|------------------|-------------|------------|
| 101                            | Contract Management - CTR's           | 1.00     | each  | HC       | 4.625            | 4.625             | 155.261          | 0                   | 0                        | 155.261          | 53.720      | 208.982    |
| 102                            | Contract Management - SA's            | 1.00     | each  | HC       | 1.850            | 1.850             | 48.525           | 0                   | 0                        | 48.525           | 16.790      | 65.315     |
| 103                            | SOW Development & Maintenance         | 1.00     | each  | HC       | 463              | 463               | 14.481           | 0                   | 0                        | 14.481           | 5.010       | 19.491     |
| 104                            | AVP Operations & Maintenance          | 1.00     | each  | HC       | 0                | 0                 | 0                | 14.800              | 0                        | 14.800           | 0           | 14.800     |
| 105                            | Accounts Payable / Accrual Processing | 1.00     | each  | HC       | 0                | 0                 | 0                | 14.800              | 0                        | 14.800           | 0           | 14.800     |
| SYS                            | Contingency And Escalation            | 1.00     | ea    | EE       | 0                | 0                 | 0                | 0                   | 89.434                   | 89.434           | 0           | 89.434     |
| Total for Activity 1HAH101033: |                                       |          |       |          |                  | 6.938             | 218.268          | 29.600              | 89.434                   | 337.302          | 75.521      | 412.822    |

**Line Item 101 - Contract Management - CTR's**

|     |  |
|-----|--|
| BOE | Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99<br>Item Desc - Contract Technical Representatives (CTRs)<br>Breakdown of Historical Data:<br>Item - Labor<br>Units - ea.<br>Unit Cost -<br>Unit Cost Adjustment factor -<br>Revised Unit Cost -<br>Basis for adjustment - |
|-----|--|

| Resources |                    | Cost Element                             | Skill                      | Department | Curve                          | Quantity | Units          |
|-----------|--------------------|--|----------------------------|------------|--------------------------------|----------|----------------|
| 750       | STRAIGHT TIME BASE | M030                                     | MANAGEMENT INTEGRATORS (GR | K267S      | Analvtical Laboratory Services | Linear   | 925.00 Hours   |
| Factors   |                    | 1 ea 1850 hrs/vr 0.5 ea                  |                            |            |                                |          |                |
| 750       | STRAIGHT TIME BASE | S010                                     | CHEMISTS                   | K267S      | Analvtical Laboratory Services | Linear   | 3.700.00 Hours |
| Factors   |                    | 4 ea 1850 hrs/vr 0.5 Target Cut 05/30/00 |                            |            |                                |          |                |

**Line Item 102 - Contract Management - SA's**

|     |   |
|-----|---|
| BOE | Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99<br>Item Desc - Subcontractor Administrators (SAs)<br>Breakdown of Historical Data:<br>Item - Labor<br>Units - ea.<br>Unit Cost -<br>Unit Cost Adjustment factor -<br>Revised Unit Cost -<br>Basis for adjustment - |
|-----|---|

| Resources |                    | Cost Element     | Skill                        | Department | Curve                          | Quantity | Units          |
|-----------|--------------------|------------------|------------------------------|------------|--------------------------------|----------|----------------|
| 750       | STRAIGHT TIME BASE | P170             | OTHER ADMINISTRATIVE & PROFE | K267S      | Analvtical Laboratory Services | Linear   | 1.850.00 Hours |
| Factors   |                    | 1 ea 1850 hrs/vr |                              |            |                                |          |                |

**Line Item 103 - SOW Development & Maintenance**

|     |  |
|-----|--|
| BOE | Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99<br>Item Desc - Statement of Work (SOW) development & maintenance<br>Breakdown of Historical Data:<br>Item - Labor<br>Units - ea.<br>Unit Cost -<br>Unit Cost Adjustment factor -<br>Revised Unit Cost -<br>Basis for adjustment - |
|-----|--|

| Resources |  | Cost Element | Skill | Department | Curve | Quantity | Units |
|-----------|--|--------------|-------|------------|-------|----------|-------|
|-----------|--|--------------|-------|------------|-------|----------|-------|

WBS No: 1HAH1010  
Activity ID: 1HAH101033

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project  
WBS Filter  
Activity Filter  
Baseline Devl  
1HAH  
\*

Starts In FY \*

|         |                    |      |          |       |                                |        |        |       |
|---------|--------------------|------|----------|-------|--------------------------------|--------|--------|-------|
| 750     | STRAIGHT TIME BASE | S010 | CHEMISTS | K267S | Analytical Laboratory Services | Linear | 462.50 | Hours |
| Factors | 1 ea               | 1850 | hrs/vr   | 0.25  | ea                             |        |        |       |

**Line Item 104 - AVP Operations & Maintenance**

BOE

Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99  
Item Desc - Automated Vendor Payment (AVP) sytem; electronic processing of Analytical Services subcontractor invoices.  
Breakdown of Historical Data:  
Item - Labor  
Units - ea.  
Unit Cost -  
Unit Cost Adjustment factor -  
Revised Unit Cost -  
Basis for adjustment -

Resources

| Cost Element |        | Skill               |                              | Department |                                | Curve  | Quantity  | Units   |
|--------------|--------|---------------------|------------------------------|------------|--------------------------------|--------|-----------|---------|
| A52          | TENERA | P170                | OTHER ADMINISTRATIVE & PROFE | K267S      | Analytical Laboratory Services | Linear | 14.800.00 | Dollars |
| Factors      | 1 ea   | 1850                | hrs/vr                       | 0.5        | ea                             | 64     | dollars   |         |
|              | 0.25   | Target Cut 05/30/00 |                              |            |                                |        |           |         |

**Line Item 105 - Accounts Payable / Accrual Processing**

BOE

Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99  
Item Desc - Processing of the site projects estimated incurred costs for analytical services.  
Breakdown of Historical Data:  
Item - Labor  
Units - ea.  
Unit Cost -  
Unit Cost Adjustment factor -  
Revised Unit Cost -  
Basis for adjustment -

Resources

| Cost Element |        | Skill               |                              | Department |                                | Curve  | Quantity  | Units   |
|--------------|--------|---------------------|------------------------------|------------|--------------------------------|--------|-----------|---------|
| A52          | TENERA | P170                | OTHER ADMINISTRATIVE & PROFE | K267S      | Analytical Laboratory Services | Linear | 14.800.00 | Dollars |
| Factors      | 1 ea   | 1850                | hrs/vr                       | 0.5        | ea                             | 64     | dollars   |         |
|              | 0.25   | Target Cut 05/30/00 |                              |            |                                |        |           |         |

**Line Item SYS - Contingency And Escalation**

BOE

Resources

| Cost Element |                 | Skill |      | Department |               | Curve  | Quantity  | Units   |
|--------------|-----------------|-------|------|------------|---------------|--------|-----------|---------|
| CON          | CONTINGENCY     | 0000  | NONE | ZDEPT      | No Department | Linear | 64.634.87 | Dollars |
| Factors      | 64634.9 Dollars |       |      |            |               |        |           |         |
| ESC          | ESCALATION      | 0000  | NONE | ZDEPT      | No Department | Linear | 24.799.11 | Dollars |
| Factors      | 24799.1 Dollars |       |      |            |               |        |           |         |

Activity ID: 1HAH101034 Description: Contract Oversight

Cost Risk 1 Schedule Risk 1

| Line Item                      | Description                   | Quantity | Units | BOE Type | Labor Hours/Unit | Labor Hours Total | Labor Cost Total | Materials/ Sub Cost | Contingency & Escalation | Total Prime Cost | Burden Cost | Total Cost |
|--------------------------------|-------------------------------|----------|-------|----------|------------------|-------------------|------------------|---------------------|--------------------------|------------------|-------------|------------|
| 101                            | Contract Managaement - CTR's  | 1.00     | each  | HC       | 4.625            | 4.625             | 155.262          | 0                   | 0                        | 155.262          | 43.784      | 199.046    |
| 102                            | Contract Managaement - SA's   | 1.00     | each  | HC       | 1.850            | 1.850             | 48.525           | 0                   | 0                        | 48.525           | 13.684      | 62.210     |
| 103                            | SOW Development & Maintenance | 1.00     | each  | HC       | 463              | 463               | 14.481           | 0                   | 0                        | 14.481           | 4.084       | 18.564     |
| SYS                            | Contingency And Escalation    | 1.00     | ea    | EE       | 0                | 0                 | 0                | 0                   | 39.878                   | 39.878           | 0           | 39.878     |
| Total for Activity 1HAH101034: |                               |          |       |          |                  | 6.938             | 218.268          | 0                   | 39.878                   | 258.147          | 61.552      | 319.698    |

**Line Item 101 - Contract Management - CTR's**

BOE

Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99  
Item Desc - Contract Technical Representatives (CTRs)  
Breakdown of Historical Data:  
Item - Labor  
Units - ea.  
Unit Cost -  
Unit Cost Adjustment factor -  
Revised Unit Cost -  
Basis for adjustment -

WBS No: 1HAH1010  
Activity ID: 1HAH101034

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project  
WBS Filter  
Activity Filter  
Baseline Devl  
1HAH  
\*

Starts In FY \*

| Resources | Cost Element |                    |    | Skill |      | Department                 |        | Curve | Quantity                       | Units               |          |       |
|-----------|--------------|--------------------|----|-------|------|----------------------------|--------|-------|--------------------------------|---------------------|----------|-------|
|           | 750          | STRAIGHT TIME BASE |    |       | M030 | MANAGEMENT INTEGRATORS (GR |        | K267S | Analytical Laboratory Services | Linear              | 925.00   | Hours |
|           | Factors      | 1                  | ea |       |      | 1850                       | hrs/vr |       | 0.5                            | ea                  |          |       |
|           | 750          | STRAIGHT TIME BASE |    |       | S010 | CHEMISTS                   |        | K267S | Analytical Laboratory Services | Linear              | 3.700.02 | Hours |
|           | Factors      | 3                  | ea |       |      | 1850                       | hrs/vr |       | 0.66667                        | Target Cut 05/30/00 |          |       |

**Line Item 102 - Contract Management - SA's**

|     |   |
|-----|---|
| BOE | Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99<br>Item Desc - Subcontractor Administrators (SAs)<br>Breakdown of Historical Data:<br>Item - Labor<br>Units - ea.<br>Unit Cost -<br>Unit Cost Adjustment factor -<br>Revised Unit Cost -<br>Basis for adjustment - |
|-----|---|

| Resources | Cost Element |                    | Skill |                              | Department |                                | Curve  | Quantity | Units |
|-----------|--------------|--------------------|-------|------------------------------|------------|--------------------------------|--------|----------|-------|
|           | 750          | STRAIGHT TIME BASE | P170  | OTHER ADMINISTRATIVE & PROFF | K267S      | Analytical Laboratory Services | Linear | 1.850.00 | Hours |
|           | Factors      | 1                  | ea    | 1850                         | hrs/vr     |                                |        |          |       |

**Line Item 103 - SOW Development & Maintenance**

|     |  |
|-----|--|
| BOE | Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99<br>Item Desc - Statement of Work (SOW) development & maintenance<br>Breakdown of Historical Data:<br>Item - Labor<br>Units - ea.<br>Unit Cost -<br>Unit Cost Adjustment factor -<br>Revised Unit Cost -<br>Basis for adjustment - |
|-----|--|

| Resources | Cost Element |                    |    | Skill |      |          | Department |  |       | Curve                          | Quantity | Units |        |        |       |
|-----------|--------------|--------------------|----|-------|------|----------|------------|--|-------|--------------------------------|----------|-------|--------|--------|-------|
|           | 750          | STRAIGHT TIME BASE |    |       | S010 | CHEMISTS |            |  | K267S | Analytical Laboratory Services |          |       | Linear | 462.50 | Hours |
|           | Factors      | 1                  | ea |       |      | 1850     | hrs/vr     |  |       | 0.25                           | ea       |       |        |        |       |

**Line Item SYS - Contingency And Escalation**

|           |                                |             |  |  |              |      |  |  |                           |               |  |  |
|-----------|--------------------------------|-------------|--|--|--------------|------|--|--|---------------------------|---------------|--|--|
| BOE       |                                |             |  |  |              |      |  |  |                           |               |  |  |
| Resources |                                |             |  |  |              |      |  |  |                           |               |  |  |
|           | <i>Cost Element</i>            |             |  |  | <i>Skill</i> |      |  |  | <i>Department</i>         |               |  |  |
|           | CON                            | CONTINGENCY |  |  | 0000         | NONE |  |  | ZDEPT                     | No Department |  |  |
|           | <i>Factors</i> 13011.1 Dollars |             |  |  |              |      |  |  | <i>Curve</i> Linear       |               |  |  |
|           |                                |             |  |  |              |      |  |  | <i>Quantity</i> 13.011.12 |               |  |  |
|           |                                |             |  |  |              |      |  |  |                           |               |  |  |
|           | ESC                            | ESCALATION  |  |  | 0000         | NONE |  |  | ZDEPT                     | No Department |  |  |
|           | <i>Factors</i> 26867.3 Dollars |             |  |  |              |      |  |  | <i>Units</i> Dollars      |               |  |  |

Activity ID: 1HAH101035 Description: Contract Oversight

Cost Risk 1 Schedule Risk 1

| Line Item                      | Description                   | Quantity | Units | BOE Type | Labor Hours/Unit | Labor Hours Total | Labor Cost Total | Materials/ Sub Cost | Contingency & Escalation | Total Prime Cost | Burden Cost | Total Cost |
|--------------------------------|-------------------------------|----------|-------|----------|------------------|-------------------|------------------|---------------------|--------------------------|------------------|-------------|------------|
| 101                            | Contract Management - CTR's   | 1.00     | each  | HC       | 4.625            | 4.625             | 155.261          | 0                   | 0                        | 155.261          | 54.031      | 209.292    |
| 102                            | Contract Management - SA's    | 1.00     | each  | HC       | 1.850            | 1.850             | 48.525           | 0                   | 0                        | 48.525           | 16.887      | 65.412     |
| 103                            | SOW Development & Maintenance | 1.00     | each  | HC       | 463              | 463               | 14.481           | 0                   | 0                        | 14.481           | 5.039       | 19.520     |
| SYS                            | Contingency And Escalation    | 1.00     | ea    | EE       | 0                | 0                 | 0                | 0                   | 156.995                  | 156.995          | 0           | 156.995    |
| Total for Activity 1HAH101035: |                               |          |       |          |                  | 6.938             | 218.268          | 0                   | 156.995                  | 375.263          | 75.957      | 451.220    |

**Line Item 101 - Contract Management - CTR's**

|     |  |
|-----|--|
| BOE | Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99<br>Item Desc - Contract Technical Representatives (CTRs)<br>Breakdown of Historical Data:<br>Item - Labor<br>Units - ea.<br>Unit Cost -<br>Unit Cost Adjustment factor -<br>Revised Unit Cost - |
|-----|--|

WBS No: 1HAH1010  
Activity ID: 1HAH101035

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1HAH  
Activity Filter \* Starts In FY \*

Basis for adjustment -

| Resources |                    | Cost Element | Skill                      | Department | Curve                          | Quantity | Units          |
|-----------|--------------------|--------------|----------------------------|------------|--------------------------------|----------|----------------|
| 750       | STRAIGHT TIME BASE | M030         | MANAGEMENT INTEGRATORS (GR | K267S      | Analytical Laboratory Services | Linear   | 925.00 Hours   |
| Factors   | 1 ea               |              | 1850 hrs/vr                | 0.5 ea     |                                |          |                |
| 750       | STRAIGHT TIME BASE | S010         | CHEMISTS                   | K267S      | Analytical Laboratory Services | Linear   | 3,700.00 Hours |
| Factors   | 2 ea               |              | 1850 hrs/vr                |            |                                |          |                |

**Line Item 102 - Contract Management - SA's**

|     |   |
|-----|---|
| BOE | Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99<br>Item Desc - Subcontractor Administrators (SAs)<br>Breakdown of Historical Data:<br>Item - Labor<br>Units - ea.<br>Unit Cost -<br>Unit Cost Adjustment factor -<br>Revised Unit Cost -<br>Basis for adjustment - |
|-----|---|

| Resources |                    | Cost Element | Skill                        | Department | Curve                          | Quantity | Units          |
|-----------|--------------------|--------------|------------------------------|------------|--------------------------------|----------|----------------|
| 750       | STRAIGHT TIME BASE | P170         | OTHER ADMINISTRATIVE & PROFE | K267S      | Analytical Laboratory Services | Linear   | 1,850.00 Hours |
| Factors   | 1 ea               |              | 1850 hrs/vr                  |            |                                |          |                |

**Line Item 103 - SOW Development & Maintenance**

|     |  |
|-----|--|
| BOE | Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99<br>Item Desc - Statement of Work (SOW) development & maintenance<br>Breakdown of Historical Data:<br>Item - Labor<br>Units - ea.<br>Unit Cost -<br>Unit Cost Adjustment factor -<br>Revised Unit Cost -<br>Basis for adjustment - |
|-----|--|

| Resources |                    | Cost Element | Skill       | Department | Curve                          | Quantity | Units        |
|-----------|--------------------|--------------|-------------|------------|--------------------------------|----------|--------------|
| 750       | STRAIGHT TIME BASE | S010         | CHEMISTS    | K267S      | Analytical Laboratory Services | Linear   | 462.50 Hours |
| Factors   | 1 ea               |              | 1850 hrs/vr | 0.25 ea    |                                |          |              |

**Line Item SYS - Contingency And Escalation**

BOE

| Resources | Cost Element           |             | Skill |      | Department |               | Curve  | Quantity   | Units   |
|-----------|------------------------|-------------|-------|------|------------|---------------|--------|------------|---------|
|           | CON                    | CONTINGENCY | 0000  | NONE | ZDEPT      | No Department | Linear | 111,415.10 | Dollars |
|           | Factors 111415 Dollars |             |       |      |            |               |        |            |         |
|           | ESC                    | ESCALATION  | 0000  | NONE | ZDEPT      | No Department | Linear | 45,579.97  | Dollars |
|           | Factors 45580 Dollars  |             |       |      |            |               |        |            |         |

Activity ID: 1HAH101041 Description: Project / Program Management

Cost Risk 1 Schedule Risk 1

| Line Item                      | Description                  | Quantity | Units | BOE Type | Labor Hours/Unit | Labor Hours Total | Labor Cost Total | Materials/ Sub Cost | Contingency & Escalation | Total Prime Cost | Burden Cost | Total Cost |
|--------------------------------|------------------------------|----------|-------|----------|------------------|-------------------|------------------|---------------------|--------------------------|------------------|-------------|------------|
| 101                            | Planning & Reporting         | 1.00     | ea    | HC       | 0                | 0                 | 0                | 118,400             | 0                        | 118,400          | 0           | 118,400    |
| 102                            | Project / Program Management | 1.00     | ea    | HC       | 2,775            | 2,775             | 138,297          | 18,800              | 0                        | 157,097          | 65,968      | 223,064    |
| 103                            | Lessons Learned Program      | 12.00    | mo    | HC       | 5                | 60                | 1,574            | 0                   | 0                        | 1,574            | 751         | 2,325      |
| SYS                            | Contingency And Escalation   | 1.00     | ea    | EE       | 0                | 0                 | 0                | 0                   | 18,186                   | 18,186           | 0           | 18,186     |
| Total for Activity 1HAH101041: |                              |          |       |          |                  | 2,835             | 139,871          | 137,200             | 18,186                   | 295,257          | 66,718      | 361,975    |

**Line Item 101 - Planning & Reporting**

|     |  |
|-----|--|
| BOE | Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99<br>Item Desc - Planning & Reporting, Technical Services<br>Breakdown of Historical Data:<br>Item - Labor<br>Units - ea.<br>Unit Cost -<br>Unit Cost Adjustment factor - |
|-----|--|

WBS No: 1HAH1010  
Activity ID: 1HAH101041

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1HAH  
Activity Filter \* Starts In FY \*

|                        |
|------------------------|
| Revised Unit Cost -    |
| Basis for adjustment - |

| Resources | Cost Element |        | Skill |                              | Department |                                | Curve   | Quantity   | Units   |
|-----------|--------------|--------|-------|------------------------------|------------|--------------------------------|---------|------------|---------|
|           | A52          | TENERA | P170  | OTHER ADMINISTRATIVE & PROFE | K267S      | Analytical Laboratory Services | Linear  | 118,400.00 | Dollars |
|           | Factors      | 1      | EA    | 1850                         | hrs/vr     | 64                             | dollars |            |         |

**Line Item 102 - Project / Program Management**

|     |   |
|-----|---|
| BOE | Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99<br>Item Desc - Project/Program management & Integration<br>Breakdown of Historical Data:<br>Item - Labor<br>Units - ea.<br>Unit Cost -<br>Unit Cost Adjustment factor -<br>Revised Unit Cost -<br>Basis for adjustment -<br><br>Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99<br>Item Desc - Project/Program management & Integration<br>Breakdown of Historical Data:<br>Item - Supplies<br>Units - dollars<br>Unit Cost -<br>Unit Cost Adjustment factor -<br>Revised Unit Cost -<br>Basis for adjustment -<br><br>Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99<br>Item Desc - Project/Program management & Integration<br>Breakdown of Historical Data:<br>Item - Travel<br>Units - ea.<br>Unit Cost -<br>Unit Cost Adjustment factor -<br>Revised Unit Cost -<br>Basis for adjustment - |
|-----|---|

| Resources | Cost Element         |                    |        | Skill |                            |         | Department                     |                                |        | Curve    | Quantity | Units   |
|-----------|----------------------|--------------------|--------|-------|----------------------------|---------|--------------------------------|--------------------------------|--------|----------|----------|---------|
|           | 750                  | STRAIGHT TIME BASE |        | M020  | MANAGERS (GRADE 69 - 72)   |         | K267S                          | Analytical Laboratory Services |        | Linear   | 1,850.00 | Hours   |
|           | Factors              | 1                  | ea     |       | 1850                       | hrs/vr  |                                |                                |        |          |          |         |
|           | 750                  | STRAIGHT TIME BASE |        | M030  | MANAGEMENT INTEGRATORS (GR |         | K267S                          | Analytical Laboratory Services |        | Linear   | 925.00   | Hours   |
|           | Factors              | 1                  | ea     |       | 1850                       | hrs/vr  |                                | 0.5                            | ea     |          |          |         |
|           | A5C                  | SUPPLIES           |        | 0000  | NONE                       |         | K267S                          | Analytical Laboratory Services |        | Linear   | 3,600.00 | Dollars |
|           | Factors              | 12                 | months |       | 300                        | dollars |                                |                                |        |          |          |         |
|           | A5C                  | SUPPLIES           |        | 0000  | NONE                       |         | K267S                          | Analytical Laboratory Services |        | Linear   | 3,000.00 | Dollars |
|           | Factors              | 6                  | ea     |       | 500                        | dollars |                                |                                |        |          |          |         |
|           | A5C                  | SUPPLIES           |        | 0000  | NONE                       |         | K267S                          | Analytical Laboratory Services |        | Linear   | 4,400.00 | Dollars |
| Factors   | 2                    | ea                 |        | 2200  | dollars                    |         |                                |                                |        |          |          |         |
| A5M       | TRAVEL/TRAIN/RELOCAT |                    | 0000   | NONE  |                            | K267S   | Analytical Laboratory Services |                                | Linear | 7,800.00 | Dollars  |         |
| Factors   | 6                    | ea                 |        | 1300  | dollars                    |         |                                |                                |        |          |          |         |

**Line Item 103 - Lessons Learned Program**

|     |  |
|-----|--|
| BOE | Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99<br>Item Desc - Administration of Lessons Learned Program<br>Breakdown of Historical Data:<br>Item - Labor<br>Units - ea.<br>Unit Cost -<br>Unit Cost Adjustment factor -<br>Revised Unit Cost -<br>Basis for adjustment - |
|-----|--|



WBS No: 1HAH1010  
Activity ID: 1HAH101041

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1HAH  
Activity Filter \*

Starts In FY \*

| Resources | Cost Element |                    | Skill |                              | Department |                                | Curve  | Quantity | Units |
|-----------|--------------|--------------------|-------|------------------------------|------------|--------------------------------|--------|----------|-------|
|           | 750          | STRAIGHT TIME BASE | P170  | OTHER ADMINISTRATIVE & PROFE | K267S      | Analvtical Laboratory Services | Linear | 5.00     | Hours |
|           | Factors      | 1                  | ea    | 5                            | hrs/month  |                                |        |          |       |

**Line Item SYS - Contingency And Escalation**

**BOE**

| Resources | Cost Element            |             | Skill |      | Department |               | Curve  | Quantity  | Units   |
|-----------|-------------------------|-------------|-------|------|------------|---------------|--------|-----------|---------|
|           | CON                     | CONTINGENCY | 0000  | NONE | ZDEPT      | No Department | Linear | 10.957.38 | Dollars |
|           | Factors 10957.4 Dollars |             |       |      |            |               |        |           |         |
|           | ESC                     | ESCALATION  | 0000  | NONE | ZDEPT      | No Department | Linear | 7.229.11  | Dollars |
|           | Factors 7229.11 Dollars |             |       |      |            |               |        |           |         |

Activity ID: 1HAH101042 Description: Project / Program Management

Cost Risk 1 Schedule Risk 1

| Line Item                      | Description                  | Quantity | Units | BOE Type | Labor Hours/Unit | Labor Hours Total | Labor Cost Total | Materials/ Sub Cost | Contingency & Escalation | Total Prime Cost | Burden Cost | Total Cost |
|--------------------------------|------------------------------|----------|-------|----------|------------------|-------------------|------------------|---------------------|--------------------------|------------------|-------------|------------|
| 101                            | Planning & Reporting         | 1.00     | ea    | HC       | 0                | 0                 | 0                | 118.400             | 0                        | 118.400          | 0           | 118.400    |
| 102                            | Project / Program Management | 1.00     | ea    | HC       | 2.775            | 2.775             | 138.297          | 18.800              | 0                        | 157.097          | 48.819      | 205.916    |
| 103                            | Lessons Learned Program      | 12.00    | mo    | HC       | 5                | 60                | 1.574            | 0                   | 0                        | 1.574            | 556         | 2.129      |
| SYS                            | Contingency And Escalation   | 1.00     | ea    | EE       | 0                | 0                 | 0                | 0                   | 48.666                   | 48.666           | 0           | 48.666     |
| Total for Activity 1HAH101042: |                              |          |       |          |                  | 2.835             | 139.871          | 137.200             | 48.666                   | 325.736          | 49.374      | 375.111    |

**Line Item 101 - Planning & Reporting**

**BOE**

Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99  
Item Desc - Planning & Reporting, Technical Services  
Breakdown of Historical Data:  
Item - Labor  
Units - ea.  
Unit Cost -  
Unit Cost Adjustment factor -  
Revised Unit Cost -  
Basis for adjustment -

| Resources | Cost Element |        | Skill |                              | Department |                                | Curve   | Quantity   | Units   |
|-----------|--------------|--------|-------|------------------------------|------------|--------------------------------|---------|------------|---------|
|           | A52          | TENERA | P170  | OTHER ADMINISTRATIVE & PROFE | K267S      | Analvtical Laboratory Services | Linear  | 118.400.00 | Dollars |
|           | Factors      | 1      | EA    | 1850                         | hrs/vr     | 64                             | dollars |            |         |

**Line Item 102 - Project / Program Management**

**BOE**

Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99  
Item Desc - Project/Program management & Integration  
Breakdown of Historical Data:  
Item - Labor  
Units - ea.  
Unit Cost -  
Unit Cost Adjustment factor -  
Revised Unit Cost -  
Basis for adjustment -

Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99  
Item Desc - Project/Program management & Integration  
Breakdown of Historical Data:  
Item - Supplies  
Units - dollars  
Unit Cost -  
Unit Cost Adjustment factor -  
Revised Unit Cost -  
Basis for adjustment -

Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99  
Item Desc - Project/Program management & Integration  
Breakdown of Historical Data:  
Item - Travel  
Units - ea.

WBS No: 1HAH1010  
Activity ID: 1HAH101042

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1HAH  
Activity Filter \* Starts In FY \*

Unit Cost -  
Unit Cost Adjustment factor -  
Revised Unit Cost -  
Basis for adjustment -

**Resources**

| Cost Element |                      | Skill |                            | Department |                                | Curve  | Quantity | Units   |
|--------------|----------------------|-------|----------------------------|------------|--------------------------------|--------|----------|---------|
| 750          | STRAIGHT TIME BASE   | M020  | MANAGERS (GRADE 69 - 72)   | K267S      | Analvtical Laboratory Services | Linear | 1.850.00 | Hours   |
| Factors      | 1 ea                 |       | 1850 hrs/vr                |            |                                |        |          |         |
| 750          | STRAIGHT TIME BASE   | M030  | MANAGEMENT INTEGRATORS (GR | K267S      | Analvtical Laboratory Services | Linear | 925.00   | Hours   |
| Factors      | 1 ea                 |       | 1850 hrs/vr                |            | 0.5 ea                         |        |          |         |
| A5C          | SUPPLIES             | 0000  | NONE                       | K267S      | Analvtical Laboratory Services | Linear | 3.000.00 | Dollars |
| Factors      | 6 ea                 |       | 500 dollars                |            |                                |        |          |         |
| A5C          | SUPPLIES             | 0000  | NONE                       | K267S      | Analvtical Laboratory Services | Linear | 4.400.00 | Dollars |
| Factors      | 2 ea                 |       | 2200 dollars               |            |                                |        |          |         |
| A5C          | SUPPLIES             | 0000  | NONE                       | K267S      | Analvtical Laboratory Services | Linear | 3.600.00 | Dollars |
| Factors      | 12 months            |       | 300 dollars                |            |                                |        |          |         |
| A5M          | TRAVEL/TRAIN/RELOCAT | 0000  | NONE                       | K267S      | Analvtical Laboratory Services | Linear | 7.800.00 | Dollars |
| Factors      | 6 ea                 |       | 1300 dollars               |            |                                |        |          |         |

**Line Item 103 - Lessons Learned Program**

**BOE**

Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99  
Item Desc - Administration of Lessons Learned Program  
Breakdown of Historical Data:  
Item - Labor  
Units - ea.  
Unit Cost -  
Unit Cost Adjustment factor -  
Revised Unit Cost -  
Basis for adjustment -

**Resources**

| Cost Element |                    | Skill |                              | Department |                                | Curve  | Quantity | Units |
|--------------|--------------------|-------|------------------------------|------------|--------------------------------|--------|----------|-------|
| 750          | STRAIGHT TIME BASE | P170  | OTHER ADMINISTRATIVE & PROFE | K267S      | Analvtical Laboratory Services | Linear | 5.00     | Hours |
| Factors      | 1 ea               |       | 5 hrs/month                  |            |                                |        |          |       |

**Line Item SYS - Contingency And Escalation**

**BOE**

**Resources**

| Cost Element |                 | Skill |      | Department |               | Curve  | Quantity  | Units   |
|--------------|-----------------|-------|------|------------|---------------|--------|-----------|---------|
| CON          | CONTINGENCY     | 0000  | NONE | ZDEPT      | No Department | Linear | 33.410.61 | Dollars |
| Factors      | 33410.6 Dollars |       |      |            |               |        |           |         |
| ESC          | ESCALATION      | 0000  | NONE | ZDEPT      | No Department | Linear | 15.255.24 | Dollars |
| Factors      | 15255.2 Dollars |       |      |            |               |        |           |         |

Activity ID: 1HAH101043 Description: Project / Program Management

Cost Risk 1 Schedule Risk 1

| Line Item                      | Description                  | Quantity | Units | BOE Type | Labor Hours/Unit | Labor Hours Total | Labor Cost Total | Materials/ Sub Cost | Contingency & Escalation | Total Prime Cost | Burden Cost | Total Cost |
|--------------------------------|------------------------------|----------|-------|----------|------------------|-------------------|------------------|---------------------|--------------------------|------------------|-------------|------------|
| 101                            | Planning & Reporting         | 1.00     | ea    | HC       | 0                | 0                 | 0                | 118.400             | 0                        | 118.400          | 0           | 118.400    |
| 102                            | Project / Program Management | 1.00     | ea    | HC       | 2.775            | 2.775             | 138.297          | 18.800              | 0                        | 157.097          | 47.851      | 204.947    |
| 103                            | Lessons Learned Program      | 12.00    | mo    | HC       | 5                | 60                | 1.574            | 0                   | 0                        | 1.574            | 545         | 2.118      |
| SYS                            | Contingency And Escalation   | 1.00     | ea    | EE       | 0                | 0                 | 0                | 0                   | 90.009                   | 90.009           | 0           | 90.009     |
| Total for Activity 1HAH101043: |                              |          |       |          |                  | 2.835             | 139.871          | 137.200             | 90.009                   | 367.079          | 48.395      | 415.474    |

**Line Item 101 - Planning & Reporting**

**BOE**

Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99  
Item Desc - Planning & Reporting, Technical Services  
Breakdown of Historical Data:  
Item - Labor  
Units - ea.  
Unit Cost -  
Unit Cost Adjustment factor -  
Revised Unit Cost -  
Basis for adjustment -

WBS No: 1HAH1010  
Activity ID: 1HAH101043

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project  
WBS Filter  
Activity Filter  
Baseline Devl  
1HAH  
\*

Starts In FY \*

| Resources | Cost Element |        | Skill |                              | Department |                                | Curve   | Quantity   | Units   |
|-----------|--------------|--------|-------|------------------------------|------------|--------------------------------|---------|------------|---------|
|           | A52          | TENERA | P170  | OTHER ADMINISTRATIVE & PROFE | K267S      | Analytical Laboratory Services | Linear  | 118,400.00 | Dollars |
|           | Factors      | 1      | EA    | 1850                         | hrs/yr     | 64                             | dollars |            |         |

**Line Item 102 - Project / Program Management**

|     |  |  |  |  |  |  |  |  |  |
|-----|--|--|--|--|--|--|--|--|--|
| BOE | <p>Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99<br/>Item Desc - Project/Program management &amp; Integration<br/>Breakdown of Historical Data:<br/>Item - Labor<br/>Units - ea.<br/>Unit Cost -<br/>Unit Cost Adjustment factor -<br/>Revised Unit Cost -<br/>Basis for adjustment -</p> <p>Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99<br/>Item Desc - Project/Program management &amp; Integration<br/>Breakdown of Historical Data:<br/>Item - Supplies<br/>Units - dollars<br/>Unit Cost -<br/>Unit Cost Adjustment factor -<br/>Revised Unit Cost -<br/>Basis for adjustment -</p> <p>Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99<br/>Item Desc - Project/Program management &amp; Integration<br/>Breakdown of Historical Data:<br/>Item - Travel<br/>Units - ea.<br/>Unit Cost -<br/>Unit Cost Adjustment factor -<br/>Revised Unit Cost -<br/>Basis for adjustment -</p> |  |  |  |  |  |  |  |  |
|-----|--|--|--|--|--|--|--|--|--|

| Resources | Cost Element |                      | Skill  |                            | Department |                                | Curve  | Quantity | Units   |
|-----------|--------------|----------------------|--------|----------------------------|------------|--------------------------------|--------|----------|---------|
|           | 750          | STRAIGHT TIME BASE   | M020   | MANAGERS (GRADE 69 - 72)   | K267S      | Analytical Laboratory Services | Linear | 1,850.00 | Hours   |
|           | Factors      | 1                    | ea     | 1850                       | hrs/yr     |                                |        |          |         |
|           | 750          | STRAIGHT TIME BASE   | M030   | MANAGEMENT INTEGRATORS (GR | K267S      | Analytical Laboratory Services | Linear | 925.00   | Hours   |
|           | Factors      | 1                    | ea     | 1850                       | hrs/yr     | 0.5                            | ea     |          |         |
|           | A5C          | SUPPLIES             | 0000   | NONE                       | K267S      | Analytical Laboratory Services | Linear | 3,000.00 | Dollars |
|           | Factors      | 6                    | ea     | 500                        | dollars    |                                |        |          |         |
|           | A5C          | SUPPLIES             | 0000   | NONE                       | K267S      | Analytical Laboratory Services | Linear | 4,400.00 | Dollars |
|           | Factors      | 2                    | ea     | 2200                       | dollars    |                                |        |          |         |
|           | A5C          | SUPPLIES             | 0000   | NONE                       | K267S      | Analytical Laboratory Services | Linear | 3,600.00 | Dollars |
|           | Factors      | 12                   | months | 300                        | dollars    |                                |        |          |         |
|           | A5M          | TRAVEL/TRAIN/RELOCAT | 0000   | NONE                       | K267S      | Analytical Laboratory Services | Linear | 7,800.00 | Dollars |
|           | Factors      | 6                    | ea     | 1300                       | dollars    |                                |        |          |         |

**Line Item 103 - Lessons Learned Program**

|     |   |  |  |  |  |  |  |  |  |
|-----|---|--|--|--|--|--|--|--|--|
| BOE | <p>Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99<br/>Item Desc - Administration of Lessons Learned Program<br/>Breakdown of Historical Data:<br/>Item - Labor<br/>Units - ea.<br/>Unit Cost -<br/>Unit Cost Adjustment factor -<br/>Revised Unit Cost -<br/>Basis for adjustment -</p> |  |  |  |  |  |  |  |  |
|-----|---|--|--|--|--|--|--|--|--|

| Resources | Cost Element |  | Skill |  | Department |  | Curve | Quantity | Units |
|-----------|--------------|--|-------|--|------------|--|-------|----------|-------|
|-----------|--------------|--|-------|--|------------|--|-------|----------|-------|

WBS No: 1HAH1010  
Activity ID: 1HAH101043

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project  
WBS Filter  
Activity Filter  
Baseline Devl  
1HAH  
\*

Starts In FY \*

|         |                    |      |                              |       |                                |        |      |       |
|---------|--------------------|------|------------------------------|-------|--------------------------------|--------|------|-------|
| 750     | STRAIGHT TIME BASE | P170 | OTHER ADMINISTRATIVE & PROFE | K267S | Analytical Laboratory Services | Linear | 5.00 | Hours |
| Factors | 1 ea               | 5    | hrs/month                    |       |                                |        |      |       |

**Line Item SYS - Contingency And Escalation**

**BOE**

**Resources**

| Cost Element |                 | Skill |      | Department |               | Curve  | Quantity  | Units   |
|--------------|-----------------|-------|------|------------|---------------|--------|-----------|---------|
| CON          | CONTINGENCY     | 0000  | NONE | ZDEPT      | No Department | Linear | 65.050.11 | Dollars |
| Factors      | 65050.1 Dollars |       |      |            |               |        |           |         |
| ESC          | ESCALATION      | 0000  | NONE | ZDEPT      | No Department | Linear | 24.958.43 | Dollars |
| Factors      | 24958.4 Dollars |       |      |            |               |        |           |         |

Activity ID: 1HAH101044 Description: Project / Program Management

Cost Risk 1 Schedule Risk 1

| Line Item                      | Description                  | Quantity | Units | BOE Type | Labor Hours/Unit | Labor Hours Total | Labor Cost Total | Materials/ Sub Cost | Contingency & Escalation | Total Prime Cost | Burden Cost | Total Cost |
|--------------------------------|------------------------------|----------|-------|----------|------------------|-------------------|------------------|---------------------|--------------------------|------------------|-------------|------------|
| 101                            | Planning & Reporting         | 1.00     | ea    | HC       | 0                | 0                 | 0                | 118.400             | 0                        | 118.400          | 0           | 118.400    |
| 102                            | Project / Program Management | 1.00     | ea    | HC       | 2.775            | 2.775             | 138.297          | 11.400              | 0                        | 149.697          | 39.000      | 188.696    |
| 103                            | Lessons Learned Program      | 12.00    | mo    | HC       | 5                | 60                | 1.574            | 0                   | 0                        | 1.574            | 444         | 2.018      |
| SYS                            | Contingency And Escalation   | 1.00     | ea    | EE       | 0                | 0                 | 0                | 0                   | 44.053                   | 44.053           | 0           | 44.053     |
| Total for Activity 1HAH101044: |                              |          |       |          |                  | 2.835             | 139.871          | 129.800             | 44.053                   | 313.724          | 39.443      | 353.167    |

**Line Item 101 - Planning & Reporting**

**BOE**

Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99  
Item Desc - Planning & Reporting, Technical Services  
Breakdown of Historical Data:  
Item - Labor  
Units - ea.  
Unit Cost -  
Unit Cost Adjustment factor -  
Revised Unit Cost -  
Basis for adjustment -

**Resources**

| Cost Element |        | Skill |                              | Department |                                | Curve  | Quantity   | Units   |
|--------------|--------|-------|------------------------------|------------|--------------------------------|--------|------------|---------|
| A52          | TENERA | P170  | OTHER ADMINISTRATIVE & PROFE | K267S      | Analytical Laboratory Services | Linear | 118.400.00 | Dollars |
| Factors      | 1 EA   | 1850  | hrs/yr                       | 64         | dollars                        |        |            |         |

**Line Item 102 - Project / Program Management**

**BOE**

Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99  
Item Desc - Project/Program management & Integration  
Breakdown of Historical Data:  
Item - Labor  
Units - ea.  
Unit Cost -  
Unit Cost Adjustment factor -  
Revised Unit Cost -  
Basis for adjustment -  
  
Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99  
Item Desc - Project/Program management & Integration  
Breakdown of Historical Data:  
Item - Supplies  
Units - dollars  
Unit Cost -  
Unit Cost Adjustment factor -  
Revised Unit Cost -  
Basis for adjustment -  
  
Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99  
Item Desc - Project/Program management & Integration  
Breakdown of Historical Data:  
Item - Travel  
Units - ea.  
Unit Cost -

WBS No: 1HAH1010  
Activity ID: 1HAH101044

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1HAH  
Activity Filter \*

Starts In FY \*

Unit Cost Adjustment factor -  
Revised Unit Cost -  
Basis for adjustment -

| Resources | Cost Element |                      |        | Skill |                            | Department |       | Curve                          | Quantity | Units  |          |         |
|-----------|--------------|----------------------|--------|-------|----------------------------|------------|-------|--------------------------------|----------|--------|----------|---------|
|           | 750          | STRAIGHT TIME BASE   |        | M020  | MANAGERS (GRADE 69 - 72)   |            | K267S | Analytical Laboratory Services |          | Linear | 1.850.00 | Hours   |
|           | Factors      | 1                    | ea     | 1850  |                            | hrs/vr     |       |                                |          |        |          |         |
|           | 750          | STRAIGHT TIME BASE   |        | M030  | MANAGEMENT INTEGRATORS (GR |            | K267S | Analytical Laboratory Services |          | Linear | 925.00   | Hours   |
|           | Factors      | 1                    | ea     | 1850  |                            | hrs/vr     |       | 0.5                            | ea       |        |          |         |
|           | A5C          | SUPPLIES             |        | 0000  | NONE                       |            | K267S | Analytical Laboratory Services |          | Linear | 3.600.00 | Dollars |
|           | Factors      | 12                   | months | 300   |                            | dollars    |       |                                |          |        |          |         |
|           | A5M          | TRAVEL/TRAIN/RELOCAT |        | 0000  | NONE                       |            | K267S | Analytical Laboratory Services |          | Linear | 7.800.00 | Dollars |
|           | Factors      | 6                    | ea     | 1300  |                            | dollars    |       |                                |          |        |          |         |

**Line Item 103 - Lessons Learned Program**

|     |  |  |  |  |  |  |  |  |  |  |  |  |
|-----|--|--|--|--|--|--|--|--|--|--|--|--|
| BOE | Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99<br>Item Desc - Administration of Lessons Learned Program<br>Breakdown of Historical Data:<br>Item - Labor<br>Units - ea.<br>Unit Cost -<br>Unit Cost Adjustment factor -<br>Revised Unit Cost -<br>Basis for adjustment - |  |  |  |  |  |  |  |  |  |  |  |
|-----|--|--|--|--|--|--|--|--|--|--|--|--|

| Resources | Cost Element |                    | Skill |                              | Department |                                | Curve  | Quantity | Units |
|-----------|--------------|--------------------|-------|------------------------------|------------|--------------------------------|--------|----------|-------|
|           | 750          | STRAIGHT TIME BASE | P170  | OTHER ADMINISTRATIVE & PROFE | K267S      | Analytical Laboratory Services | Linear | 5.00     | Hours |
|           | Factors      | 1                  | ea    | 5                            | hrs/month  |                                |        |          |       |

**Line Item SYS - Contingency And Escalation**

|           |                         |             |  |       |      |            |               |        |           |         |
|-----------|-------------------------|-------------|--|-------|------|------------|---------------|--------|-----------|---------|
| BOE       |                         |             |  |       |      |            |               |        |           |         |
| Resources | Cost Element            |             |  | Skill |      | Department |               | Curve  | Quantity  | Units   |
|           | CON                     | CONTINGENCY |  | 0000  | NONE | ZDEPT      | No Department | Linear | 14,373.24 | Dollars |
|           | Factors 14373.2 Dollars |             |  |       |      |            |               |        |           |         |
|           | ESC                     | ESCALATION  |  | 0000  | NONE | ZDEPT      | No Department | Linear | 29,679.98 | Dollars |
|           | Factors 29680 Dollars   |             |  |       |      |            |               |        |           |         |

Activity ID: 1HAH101045 Description: Project / Program Management

Cost Risk 1 Schedule Risk 1

| Line Item                      | Description                  | Quantity | Units | BOE Type | Labor Hours/Unit | Labor Hours Total | Labor Cost Total | Materials/ Sub Cost | Contingency & Escalation | Total Prime Cost | Burden Cost | Total Cost |
|--------------------------------|------------------------------|----------|-------|----------|------------------|-------------------|------------------|---------------------|--------------------------|------------------|-------------|------------|
| 101                            | Planning & Reporting         | 1.00     | ea    | HC       | 0                | 0                 | 0                | 118,400             | 0                        | 118,400          | 0           | 118,400    |
| 102                            | Project / Program Management | 1.00     | ea    | HC       | 2,775            | 2,775             | 138,297          | 11,400              | 0                        | 149,697          | 48,127      | 197,824    |
| 103                            | Lessons Learned Program      | 12.00    | mo    | HC       | 5                | 60                | 1,574            | 0                   | 0                        | 1,574            | 548         | 2,121      |
| SYS                            | Contingency And Escalation   | 1.00     | ea    | EE       | 0                | 0                 | 0                | 0                   | 169,866                  | 169,866          | 0           | 169,866    |
| Total for Activity 1HAH101045: |                              |          |       |          |                  | 2,835             | 139,871          | 129,800             | 169,866                  | 439,536          | 48,675      | 488,211    |

**Line Item 101 - Planning & Reporting**

|     |   |  |  |  |  |  |  |  |  |  |  |  |
|-----|---|--|--|--|--|--|--|--|--|--|--|--|
| BOE | Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99<br>Item Desc - Planning & Reporting, Technical Services<br>Breakdown of Historical Data:<br>Item - Labor<br>Units - ea.<br>Unit Cost -<br>Unit Cost Adjustment factor -<br>Revised Unit Cost -<br>Basis for adjustment - |  |  |  |  |  |  |  |  |  |  |  |
|-----|---|--|--|--|--|--|--|--|--|--|--|--|

| Resources | Cost Element |        | Skill |                              | Department |                                | Curve   | Quantity   | Units   |
|-----------|--------------|--------|-------|------------------------------|------------|--------------------------------|---------|------------|---------|
|           | A52          | TENERA | P170  | OTHER ADMINISTRATIVE & PROFE | K267S      | Analytical Laboratory Services | Linear  | 118,400.00 | Dollars |
|           | Factors      | 1      | EA    | 1850                         | hrs/vr     | 64                             | dollars |            |         |

WBS No: 1HAH1010  
Activity ID: 1HAH101045

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1HAH  
Activity Filter \*

Starts In FY \*

**Line Item 102 - Project / Program Management**

|     |   |  |  |  |  |  |
|-----|---|--|--|--|--|--|
| BOE | Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99<br>Item Desc - Project/Program management & Integration<br>Breakdown of Historical Data:<br>Item - Labor<br>Units - ea.<br>Unit Cost -<br>Unit Cost Adjustment factor -<br>Revised Unit Cost -<br>Basis for adjustment -<br><br>Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99<br>Item Desc - Project/Program management & Integration<br>Breakdown of Historical Data:<br>Item - Supplies<br>Units - dollars<br>Unit Cost -<br>Unit Cost Adjustment factor -<br>Revised Unit Cost -<br>Basis for adjustment -<br><br>Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99<br>Item Desc - Project/Program management & Integration<br>Breakdown of Historical Data:<br>Item - Travel<br>Units - ea.<br>Unit Cost -<br>Unit Cost Adjustment factor -<br>Revised Unit Cost -<br>Basis for adjustment - |  |  |  |  |  |
|-----|---|--|--|--|--|--|

| Resources |     | Cost Element         |  | Skill |                            | Department |                                | Curve  | Quantity | Units   |
|-----------|-----|----------------------|--|-------|----------------------------|------------|--------------------------------|--------|----------|---------|
|           | 750 | STRAIGHT TIME BASE   |  | M020  | MANAGERS (GRADE 69 - 72)   | K267S      | Analytical Laboratory Services | Linear | 1,850.00 | Hours   |
| Factors   | 1   | ea                   |  |       | 1850 hrs/vr                |            |                                |        |          |         |
|           | 750 | STRAIGHT TIME BASE   |  | M030  | MANAGEMENT INTEGRATORS (GR | K267S      | Analytical Laboratory Services | Linear | 925.00   | Hours   |
| Factors   | 1   | ea                   |  |       | 1850 hrs/vr                | 0.5        | ea                             |        |          |         |
|           | A5C | SUPPLIES             |  | 0000  | NONE                       | K267S      | Analytical Laboratory Services | Linear | 3,600.00 | Dollars |
| Factors   | 12  | months               |  |       | 300 dollars                |            |                                |        |          |         |
|           | A5M | TRAVEL/TRAIN/RELOCAT |  | 0000  | NONE                       | K267S      | Analytical Laboratory Services | Linear | 7,800.00 | Dollars |
| Factors   | 6   | ea                   |  |       | 1300 dollars               |            |                                |        |          |         |

**Line Item 103 - Lessons Learned Program**

|     |  |  |  |  |  |  |
|-----|--|--|--|--|--|--|
| BOE | Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99<br>Item Desc - Administration of Lessons Learned Program<br>Breakdown of Historical Data:<br>Item - Labor<br>Units - ea.<br>Unit Cost -<br>Unit Cost Adjustment factor -<br>Revised Unit Cost -<br>Basis for adjustment - |  |  |  |  |  |
|-----|--|--|--|--|--|--|

| Resources |     | Cost Element       |  | Skill |                              | Department |                                | Curve  | Quantity | Units |
|-----------|-----|--------------------|--|-------|------------------------------|------------|--------------------------------|--------|----------|-------|
|           | 750 | STRAIGHT TIME BASE |  | P170  | OTHER ADMINISTRATIVE & PROFE | K267S      | Analytical Laboratory Services | Linear | 5.00     | Hours |
| Factors   | 1   | ea                 |  |       | 5 hrs/month                  |            |                                |        |          |       |

**Line Item SYS - Contingency And Escalation**

|           |                        |             |  |       |      |            |               |        |            |         |
|-----------|------------------------|-------------|--|-------|------|------------|---------------|--------|------------|---------|
| BOE       |                        |             |  |       |      |            |               |        |            |         |
| Resources | Cost Element           |             |  | Skill |      | Department |               | Curve  | Quantity   | Units   |
|           | CON                    | CONTINGENCY |  | 0000  | NONE | ZDEPT      | No Department | Linear | 120.549.00 | Dollars |
|           | Factors 120549 Dollars |             |  |       |      |            |               |        |            |         |

WBS No: 1HAH1010  
Activity ID: 1HAH101045

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1HAH  
Activity Filter \*

Starts In FY \*

|     |            |      |      |       |               |        |           |         |
|-----|------------|------|------|-------|---------------|--------|-----------|---------|
| ESC | ESCALATION | 0000 | NONE | ZDEPT | No Department | Linear | 49,316.64 | Dollars |
|-----|------------|------|------|-------|---------------|--------|-----------|---------|

Factors 49316.6 Dollars

Activity ID: 1HAH101046 Description: Project / Program Management

Cost Risk 1 Schedule Risk 1

| Line Item                      | Description                  | Quantity | Units | BOE Type | Labor Hours/Unit | Labor Hours Total | Labor Cost Total | Materials/ Sub Cost | Contingency & Escalation | Total Prime Cost | Burden Cost | Total Cost |
|--------------------------------|------------------------------|----------|-------|----------|------------------|-------------------|------------------|---------------------|--------------------------|------------------|-------------|------------|
| 102                            | Project / Program Management | 1.00     | ea    | HC       | 463              | 463               | 24,721           | 300                 | 0                        | 25,021           | 30,778      | 55,798     |
| SYS                            | Contingency And Escalation   | 1.00     | ea    | EE       | 0                | 0                 | 0                | 0                   | 21,912                   | 21,912           | 0           | 21,912     |
| Total for Activity 1HAH101046: |                              |          |       |          |                  | 463               | 24,721           | 300                 | 21,912                   | 46,932           | 30,778      | 77,710     |

**Line Item 102 - Project / Program Management**

**BOE**

Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99  
Item Desc - Project/Program management & Integration  
Breakdown of Historical Data:  
Item - Labor  
Units - ea.  
Unit Cost -  
Unit Cost Adjustment factor -  
Revised Unit Cost -  
Basis for adjustment -  
  
Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99  
Item Desc - Project/Program management & Integration  
Breakdown of Historical Data:  
Item - Supplies  
Units - dollars  
Unit Cost -  
Unit Cost Adjustment factor -  
Revised Unit Cost -  
Basis for adjustment -  
  
Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99  
Item Desc - Project/Program management & Integration  
Breakdown of Historical Data:  
Item - Travel  
Units - ea.  
Unit Cost -  
Unit Cost Adjustment factor -  
Revised Unit Cost -  
Basis for adjustment -

**Resources**

| Cost Element           | Skill                         | Department                           | Curve  | Quantity | Units   |
|------------------------|-------------------------------|--------------------------------------|--------|----------|---------|
| 750 STRAIGHT TIME BASE | M020 MANAGERS (GRADE 69 - 72) | K267S Analytical Laboratory Services | Linear | 462.50   | Hours   |
| Factors 1 ea           | 1850 hrs/vr                   | 0.25 ea                              |        |          |         |
| A5C SUPPLIES           | 0000 NONE                     | K267S Analytical Laboratory Services | Linear | 300.00   | Dollars |
| Factors 3 months       | 100 dollars                   |                                      |        |          |         |

**Line Item SYS - Contingency And Escalation**

**BOE**

**Resources**

| Cost Element            | Skill     | Department          | Curve  | Quantity  | Units   |
|-------------------------|-----------|---------------------|--------|-----------|---------|
| CON CONTINGENCY         | 0000 NONE | ZDEPT No Department | Linear | 11,502.71 | Dollars |
| Factors 11502.7 Dollars |           |                     |        |           |         |
| ESC ESCALATION          | 0000 NONE | ZDEPT No Department | Linear | 10,408.82 | Dollars |
| Factors 10408.8 Dollars |           |                     |        |           |         |

Activity ID: 1HAH1010P2 Description: FY00 Laboratory Management and Integration

Cost Risk 1 Schedule Risk 1

| Line Item  | Description                            | Quantity | Units | BOE Type | Labor Hours/Unit | Labor Hours Total | Labor Cost Total | Materials/ Sub Cost | Contingency & Escalation | Total Prime Cost | Burden Cost | Total Cost |
|------------|--|----------|-------|----------|------------------|-------------------|------------------|---------------------|--------------------------|------------------|-------------|------------|
| OPNCIN2458 | API-Project Interface/(WADS)           | 1.00     | ls    | HC       | 0                | 0                 | 0                | 138,803             | 0                        | 138,803          | 0           | 138,803    |
| OPNCIN2461 | API-Project Interface/Rad Eng. Support | 937.50   | hr    | HC       | 0                | 339               | 11,585           | 0                   | 0                        | 11,585           | 5,654       | 17,239     |
| OPNCIN2462 | QA-Analytical Data Examination         | 2,930.00 | ea    | HC       | 0                | 0                 | 0                | 12,941              | 0                        | 12,941           | 0           | 12,941     |

WBS No: 1HAH1010  
Activity ID: 1HAH1010P2

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1HAH  
Activity Filter \*

|                                |  |          |    |    |       |         |         |         |         | Starts In FY * |         |
|--------------------------------|--|----------|----|----|-------|---------|---------|---------|---------|----------------|---------|
| OPNCIN2470                     | Rcd Mamt-Analytical Report Management          | 1.00     | ea | HC | 0     | 0       | 0       | 100.422 | 0       | 100.422        | 0       |
| OPNCIN2478                     | Data Mamt-AST Maintenance/Upgrade              | 1.00     | ea | HC | 0     | 0       | 0       | 16.526  | 0       | 16.526         | 0       |
| OPNCIN2479                     | Data Mamt-AST Consult/Troubleshoot             | 1.00     | ea | HC | 0     | 0       | 0       | 94.485  | 0       | 94.485         | 0       |
| OPNCIN2489                     | QA-Procedure develop/update                    | 2.00     | ea | HC | 0     | 0       | 0       | 5.490   | 0       | 5.490          | 0       |
| OPNCIN2493                     | QA-Data validation qualifiers for RFEDS data   | 1.00     | ea | HC | 0     | 0       | 0       | 21.948  | 0       | 21.948         | 0       |
| OPNCIN2494                     | QA-Data Assess/25% validation                  | 6.060.00 | ea | HC | 0     | 0       | 0       | 61.222  | 0       | 61.222         | 0       |
| OPNCIN2497                     | Contr.oversight-SQW Maint.&Develop             | 12.00    | ea | HC | 83    | 991     | 31.034  | 24.134  | 0       | 55.168         | 15.145  |
| OPNCIN2502                     | Contr. oversight-Contr. Manat.                 | 20.00    | ea | HC | 0     | 0       | 0       | 145.258 | 0       | 145.258        | 0       |
| OPNCIN2503                     | Contr. oversight- Invoice verification         | 20.00    | ea | HC | 4     | 87      | 2.714   | 36.579  | 0       | 39.293         | 1.325   |
| OPNCIN2504                     | QA-Lab audits/offsite                          | 20.00    | ea | HC | 0     | 0       | 0       | 72.922  | 0       | 72.922         | 0       |
| OPNCIN2505                     | Contr. oversight- Transf. Sampling/Lab costs   | 1.00     | ls | HC | 0     | 0       | 0       | 1.792   | 0       | 1.792          | 0       |
| OPNCIN2507                     | QA-Lab audits/Hot/Mixed lab                    | 1.00     | ea | HC | 0     | 0       | 0       | 2.064   | 0       | 2.064          | 0       |
| OPNCIN2512                     | Prom/Proi Mamt-Monthly financial reporting     | 12.00    | mo | HC | 29    | 347     | 18.536  | 53.689  | 0       | 72.225         | 9.045   |
| OPNCIN2519                     | Prom/Proi Mamt -Supplies                       | 1.00     | ea | HC | 0     | 0       | 0       | 15.106  | 0       | 15.106         | 0       |
| OPNCIN3931                     | Strategic planning- Dir.of Analytical Services | 1.00     | ea | HC | 668   | 668     | 35.720  | 0       | 0       | 35.720         | 17.431  |
| OPNCIN3932                     | Strategic planning-Secretary to Director       | 1.00     | ea | HC | 668   | 668     | 11.100  | 0       | 0       | 11.100         | 5.417   |
| Total for Activity 1HAH1010P2: |  |          |    |    | 3.100 | 110.690 | 803.381 | 0       | 914.070 | 54.017         | 968.087 |

**Line Item OPNCIN2458 - API-Project Interface(WADS)**

|     |  |
|-----|--|
| BOE | Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99<br>Item Desc - Project Integration<br>Breakdown of Historical Data:<br>Item - Project integration<br>Units - Lump sum<br>Unit Cost - 5,489hrs x 70.00<br>Unit Cost Adjustment factor -<br>Revised Unit Cost -<br>Basis for adjustment - |
|-----|--|

| Resources |                    | Cost Element |          | Skill                            |                                | Department |                              | Curve | Quantity   | Units   |
|-----------|--------------------|--------------|----------|----------------------------------|--------------------------------|------------|------------------------------|-------|------------|---------|
| A5H       | SUBCONTRACTED SRVS | S010         | CHEMISTS | K267S                            | Analytical Laboratory Services | Linear     |                              |       | 138.802.50 | Dollars |
| Factors   | 384246             | d            | 0.67401  | January 2000 Earned Value Factor | 0.53595                        | ---        | FY00 Max Earned Value Factor |       |            |         |

**Line Item OPNCIN2461 - API-Project Interface/Rad Eng. Support**

|     |  |
|-----|--|
| BOE | Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99<br>Item Desc - Review & approve PRE's<br>Breakdown of Historical Data:<br>Item - Review & approve PRE's<br>Units - Hours<br>Unit Cost - 41.94<br>Unit Cost Adjustment factor -<br>Revised Unit Cost -<br>Basis for adjustment - |
|-----|--|

| Resources |                    | Cost Element |                 | Skill                            |               | Department |                              | Curve | Quantity | Units |
|-----------|--------------------|--------------|-----------------|----------------------------------|---------------|------------|------------------------------|-------|----------|-------|
| 750       | STRAIGHT TIME BASE | E130         | OTHER ENGINEERS | R100S                            | RMRS Salaried | Linear     |                              |       | 0.36     | Hours |
| Factors   | 1                  | ea           | 0.67401         | January 2000 Earned Value Factor | 0.53595       | ---        | FY00 Max Earned Value Factor |       |          |       |

**Line Item OPNCIN2462 - QA-Analytical Data Examination**

|     |  |
|-----|--|
| BOE | Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99<br>Item Desc - Analytical data examination<br>Breakdown of Historical Data:<br>Item - Data examination<br>Units - RINS<br>Unit Cost - .156 hrs/RIN x 70.00/hr = 10.93/RIN<br>Unit Cost Adjustment factor -<br>Revised Unit Cost -<br>Basis for adjustment - |
|-----|--|

| Resources |                    | Cost Element |          | Skill                            |                                | Department |                              | Curve | Quantity | Units   |
|-----------|--------------------|--------------|----------|----------------------------------|--------------------------------|------------|------------------------------|-------|----------|---------|
| A5H       | SUBCONTRACTED SRVS | S010         | CHEMISTS | K267S                            | Analytical Laboratory Services | Linear     |                              |       | 4.42     | Dollars |
| Factors   | 10.93              | d            | 0.754    | January 2000 Earned Value Factor | 0.53595                        | ---        | FY00 Max Earned Value Factor |       |          |         |



WBS No: 1HAH1010  
Activity ID: 1HAH1010P2

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1HAH  
Activity Filter \*

Starts In FY \*

**Line Item OPNCIN2470 - Rcd Mgmt-Analytical Report Management**

|     |  |  |  |  |  |  |
|-----|--|--|--|--|--|--|
| BOE | Historical Data Source - Vendor quote by SourceOne for FY99 work scope.<br>Item Desc - Management of analytical reports/records.<br>Breakdown of Historical Data:<br>Item - RINs (Report Identification Numbers)<br>Units - Each<br>Unit Cost - Lump Sum<br>Unit Cost Adjustment factor -<br>Revised Unit Cost -<br>Basis for adjustment - |  |  |  |  |  |
|-----|--|--|--|--|--|--|

| Resources | Cost Element |                   | Skill |                                  | Department |                                  | Curve  | Quantity   | Units   |
|-----------|--------------|-------------------|-------|----------------------------------|------------|----------------------------------|--------|------------|---------|
|           | A55          | SOURCE ONE        | P170  | OTHER ADMINISTRATIVE & PROFE     | K267S      | Analvtical Laboratory Services   | Linear | 100.421.60 | Dollars |
|           | Factors      | 278000 Dollars/ea | 0.674 | January 2000 Earned Value Factor | 0.53595    | --- FY00 Max Earned Value Factor |        |            |         |

**Line Item OPNCIN2478 - Data Mgmt-AST Maintenance/Upgrade**

|     |  |  |  |  |  |  |
|-----|--|--|--|--|--|--|
| BOE | Historical Data Source - Vendor quote by Tenera/Enabling Technologies Inc. for FY99<br>Item Desc - Database maintenance<br>Breakdown of Historical Data:<br>Item - Database maintenance<br>Units - each<br>Unit Cost - 45,750.00<br>Unit Cost Adjustment factor -<br>Revised Unit Cost -<br>Basis for adjustment - |  |  |  |  |  |
|-----|--|--|--|--|--|--|

| Resources | Cost Element |                  | Skill |                                  | Department |                                  | Curve  | Quantity  | Units   |
|-----------|--------------|------------------|-------|----------------------------------|------------|----------------------------------|--------|-----------|---------|
|           | A59          | DYNCORP I&ET     | P060  | COMPUTER SYSTEMS ANALYSTS        | K267S      | Analvtical Laboratory Services   | Linear | 16.526.22 | Dollars |
|           | Factors      | 45750 Dollars/ea | 0.674 | January 2000 Earned Value Factor | 0.53595    | --- FY00 May Earned Value Factor |        |           |         |

**Line Item OPNCIN2479 - Data Mgmt-AST Consult/Troubleshoot**

|     |  |  |  |  |  |  |
|-----|--|--|--|--|--|--|
| BOE | Historical Data Source - Vendor quote by Tenera/Enabling Technologies Inc. for FY99<br>Item Desc - Programming support for the Analytical Services Tracking (AST) System.<br>Breakdown of Historical Data:<br>Item - Programming support<br>Units - Each<br>Unit Cost - 200,000.00<br>Unit Cost Adjustment factor -<br>Revised Unit Cost -<br>Basis for adjustment - |  |  |  |  |  |
|-----|--|--|--|--|--|--|

| Resources | Cost Element |              | Skill      |   | Department |                                | Curve  | Quantity  | Units   |
|-----------|--------------|--------------|------------|---|------------|--------------------------------|--------|-----------|---------|
|           | A59          | DYNCORP I&ET | P060       | COMPUTER SYSTEMS ANALYSTS   | K267S      | Analvtical Laboratory Services | Linear | 22,239.69 | Dollars |
|           | Factors      | 41496        | Dollars/ea | 0.53595 --- FY00 May Earned Value Factor  |            |                                |        |           |         |
|           | A59          | DYNCORP I&ET | P060       | COMPUTER SYSTEMS ANALYSTS   | K267S      | Analvtical Laboratory Services | Linear | 72,245.76 | Dollars |
|           | Factors      | 200000       | Dollars/ea | 0.674 January 2000 Earned Value Factor 0.53595 --- FY00 May Earned Value Factor |            |                                |        |           |         |

**Line Item OPNCIN2489 - QA-Procedure develop/update**

|     |   |  |  |  |  |  |
|-----|---|--|--|--|--|--|
| BOE | Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99<br>Item Desc - Procedure development/update<br>Breakdown of Historical Data:<br>Item - Procedures<br>Units - each<br>Unit Cost - 97hrs x 70.00/hr = 6,793.00<br>Unit Cost Adjustment factor -<br>Revised Unit Cost -<br>Basis for adjustment - |  |  |  |  |  |
|-----|---|--|--|--|--|--|

| Resources | Cost Element |                    |   | Skill |                                  | Department |                                | Curve                            | Quantity | Units    |         |
|-----------|--------------|--------------------|---|-------|----------------------------------|------------|--------------------------------|----------------------------------|----------|----------|---------|
|           | A5H          | SUBCONTRACTED SRVS |   | S010  | CHEMISTS                         | K267S      | Analytical Laboratory Services |                                  | Linear   | 2.745.08 | Dollars |
|           | Factors      | 6793               | d | 0.754 | January 2000 Earned Value Factor |            | 0.53595                        | --- FY00 May Earned Value Factor |          |          |         |

**Line Item OPNCIN2493 - QA-Data validation qualifiers for RFEDS data**

|     |   |  |  |  |  |  |
|-----|---|--|--|--|--|--|
| BOE | Historical Data Source - Labor/ODCs cost report;<br>Item Desc - Validation qualifiers |  |  |  |  |  |
|-----|---|--|--|--|--|--|

WBS No: 1HAH1010  
Activity ID: 1HAH1010P2

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1HAH  
Activity Filter \*

Starts In FY \*

Breakdown of Historical Data:  
Item - Validation qualifiers  
Units - lump sum  
Unit Cost - 146,519.00  
Unit Cost Adjustment factor -  
Revised Unit Cost -  
Basis for adjustment -

| Resources |                    | Cost Element | Skill                        | Department                       | Curve                          | Quantity | Units                        |
|-----------|--------------------|--------------|------------------------------|----------------------------------|--------------------------------|----------|------------------------------|
| A5H       | SUBCONTRACTED SRVS | P170         | OTHER ADMINISTRATIVE & PROFE | K267S                            | Analytical Laboratory Services | Linear   | 21.947.51Dollars             |
| Factors   | 48751              | Dollars/ea   | 0.84                         | January 2000 Earned Value Factor | 0.53595                        | ---      | FY00 May Earned Value Factor |

**Line Item OPNCIN2494 - QA-Data Assess/25% validation**

BOE  
Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99  
Item Desc - Perform electronic data validation on 25% of the data packages  
Breakdown of Historical Data:  
Item - data validation  
Units - Data packages  
Unit Cost - 25.00/pkg  
Unit Cost Adjustment factor -  
Revised Unit Cost -  
Basis for adjustment -

| Resources |                    | Cost Element | Skill                        | Department                       | Curve                          | Quantity | Units                        |
|-----------|--------------------|--------------|------------------------------|----------------------------------|--------------------------------|----------|------------------------------|
| A5H       | SUBCONTRACTED SRVS | P170         | OTHER ADMINISTRATIVE & PROFE | K267S                            | Analytical Laboratory Services | Linear   | 10.10Dollars                 |
| Factors   | 25                 | d            | 0.754                        | January 2000 Earned Value Factor | 0.53595                        | ---      | FY00 May Earned Value Factor |

**Line Item OPNCIN2497 - Contr.oversight-SOW Maint.&Develop**

BOE  
Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99  
Item Desc - Statement of Work (SOW) maintenance & development  
Breakdown of Historical Data:  
Item - SOW  
Units - each  
Unit Cost - 229 hrs/ 5,443.20  
Unit Cost Adjustment factor -  
Revised Unit Cost -  
Basis for adjustment -

| Resources | Cost Element |                    | Skill    |          | Department                       |                                  | Curve   | Quantity                     | Units                        |
|-----------|--------------|--------------------|----------|----------|----------------------------------|----------------------------------|---------|------------------------------|------------------------------|
|           | 750          | STRAIGHT TIME BASE | S010     | CHEMISTS | K267S                            | Analytical Laboratory Services   | Linear  | 82.60                        | Hours                        |
|           | Factors      | 228.66             | Hours/ea | 0.67401  | January 2000 Earned Value Factor | 0.53595                          | ---     | FY00 May Earned Value Factor |                              |
|           | A5H          | SUBCONTRACTED SRVS | S010     | CHEMISTS | K267S                            | Analytical Laboratory Services   | Linear  | 2,011.16                     | Dollars                      |
|           | Factors      | 5443.2             | d        | 1.02283  | 0.67401                          | January 2000 Earned Value Factor | 0.53595 | ---                          | FY00 May Earned Value Factor |

**Line Item OPNCIN2502 - Contr. oversight-Contr. Mangt.**

BOE  
Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99  
Item Desc - Analytical services contract oversight  
Breakdown of Historical Data:  
Item - contracts  
Units - each  
Unit Cost - 19,657.00  
Unit Cost Adjustment factor -  
Revised Unit Cost -  
Basis for adjustment -

| Resources | Cost Element |                    | Skill |          | Department |                                  | Curve   | Quantity | Units                        |
|-----------|--------------|--------------------|-------|----------|------------|----------------------------------|---------|----------|------------------------------|
|           | A5H          | SUBCONTRACTED SRVS | S010  | CHEMISTS | K267S      | Analytical Laboratory Services   | Linear  | 7.262.88 | Dollars                      |
|           | Factors      | 19657              | d     | 1.02283  | 0.67401    | January 2000 Earned Value Factor | 0.53595 | ---      | FY00 May Earned Value Factor |

**Line Item OPNCIN2503 - Contr. oversight- Invoice verification**

BOE  
Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99  
Item Desc - Contract invoice verification  
Breakdown of Historical Data:  
Item - Contract invoice  
Units - each

WBS No: 1HAH1010  
Activity ID: 1HAH1010P2

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1HAH  
Activity Filter \* Starts In FY \*

Unit Cost - 12hrs/49,500.00  
Unit Cost Adjustment factor -  
Revised Unit Cost -  
Basis for adjustment -

| Resources | Cost Element            |                    |  | Skill                                    |                              | Department                               |                                | Curve                                    | Quantity | Units   |
|-----------|-------------------------|--------------------|--|--|------------------------------|--|--------------------------------|--|----------|---------|
|           | 750                     | STRAIGHT TIME BASE |  | S010                                     | CHEMISTS                     | K267S                                    | Analvtical Laboratory Services | Linear                                   | 4.33     | Hours   |
|           | Factors 12 hr           |                    |  | 0.67401 January 2000 Earned Value Factor |                              | 0.53595 --- FY00 May Earned Value Factor |                                |  |          |         |
|           | A5H                     | SUBCONTRACTED SRVS |  | P170                                     | OTHER ADMINISTRATIVE & PROFE | K267S                                    | Analvtical Laboratory Services | Linear                                   | 1.828.93 | Dollars |
|           | Factors 4950 Dollars/ea |                    |  | 1.02283                                  |                              | 0.67401 January 2000 Earned Value Factor |                                | 0.53595 --- FY00 May Earned Value Factor |          |         |

**Line Item OPNCIN2504 - QA-Lab audits/offsite**

BOE  
Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99  
Item Desc - Offsite lab audits  
Breakdown of Historical Data:  
Item - Audits  
Units - Each  
Unit Cost - 9022.70  
Unit Cost Adjustment factor -  
Revised Unit Cost -  
Basis for adjustment -

| Resources | Cost Element |                      | Skill |          | Department                       |                                | Curve                            | Quantity | Units   |
|-----------|--------------|----------------------|-------|----------|----------------------------------|--------------------------------|----------------------------------|----------|---------|
|           | A5H          | SUBCONTRACTED SRVS   | S010  | CHEMISTS | K267S                            | Analvtical Laboratory Services | Bell Shaped                      | 3.200.51 | Dollars |
|           | Factors      | 7920                 | d     | 0.754    | January 2000 Earned Value Factor | 0.53595                        | --- FY00 May Earned Value Factor |          |         |
|           | A5M          | TRAVEL/TRAIN/RELOCAT | 0000  | NONE     | K267S                            | Analvtical Laboratory Services | Bell Shaped                      | 445.61   | Dollars |
|           | Factors      | 1102.7               | d     | 0.754    | January 2000 Earned Value Factor | 0.53595                        | --- FY00 May Earned Value Factor |          |         |

**Line Item OPNCIN2505 - Contr. oversight- Transf. Sampling/Lab costs**

BOE  
Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99  
Item Desc - Software programing to allow electronic processing of Analytical Services subcontractor invoices  
Breakdown of Historical Data:  
Item - Software programing  
Units - Lump sum  
Unit Cost - 47,776.00  
Unit Cost Adjustment factor -  
Revised Unit Cost -  
Basis for adjustment -

| Resources | Cost Element |                    |   | Skill |                                  | Department |                                  | Curve  | Quantity | Units   |
|-----------|--------------|--------------------|---|-------|----------------------------------|------------|----------------------------------|--------|----------|---------|
|           | A5H          | SUBCONTRACTED SRVS |   | P170  | OTHER ADMINISTRATIVE & PROFE     | K267S      | Analvtical Laboratory Services   | Linear | 1.792.38 | Dollars |
|           | Factors      | 47776              | d | 0.07  | January 2000 Earned Value Factor | 0.53595    | --- FY00 May Earned Value Factor |        |          |         |

**Line Item OPNCIN2507 - QA-Lab audits/Hot/Mixed lab**

BOE  
Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99  
Item Desc - Onsite radiological lab audit  
Breakdown of Historical Data:  
Item - Audits  
Units - Each  
Unit Cost - 5,108.00  
Unit Cost Adjustment factor -  
Revised Unit Cost -  
Basis for adjustment -

| Resources | Cost Element |                    |   | Skill |                                  | Department |                                  | Curve       | Quantity | Units   |
|-----------|--------------|--------------------|---|-------|----------------------------------|------------|----------------------------------|-------------|----------|---------|
|           | A5H          | SUBCONTRACTED SRVS |   | S010  | CHEMISTS                         | K267S      | Analvtical Laboratory Services   | Back Loaded | 2.064.17 | Dollars |
|           | Factors      | 5108               | d | 0.754 | January 2000 Earned Value Factor | 0.53595    | --- FY00 May Earned Value Factor |             |          |         |

**Line Item OPNCIN2512 - Prgm/Proj Mgmt-Monthly financial reporting**

BOE  
Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99  
Item Desc - Financial reporting  
Breakdown of Historical Data:  
Item - Reporting  
Units - Months  
Unit Cost - 80 hrs/ 12,109.00

WBS No: 1HAH1010  
Activity ID: 1HAH1010P2

**Rocky Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1HAH  
Activity Filter \* Starts In FY \*

Unit Cost Adjustment factor -  
Revised Unit Cost -  
Basis for adjustment -

| Resources |                    | Cost Element | Skill                                    | Department                               | Curve                            | Quantity                         | Units            |
|-----------|--------------------|--------------|--|--|----------------------------------|----------------------------------|------------------|
| 750       | STRAIGHT TIME BASE | M020         | MANAGERS (GRADE 69 - 72)                 | K267S                                    | Analytical Laboratory Services   | Linear                           | 28.90 Hours      |
| Factors   |                    | 80 h         | 0.67401 January 2000 Earned Value Factor | 0.53595                                  | --- FY00 May Earned Value Factor |                                  |                  |
| A52       | TENERA             | P170         | OTHER ADMINISTRATIVE & PROFE             | K267S                                    | Analytical Laboratory Services   | Linear                           | 4.474.10 Dollars |
| Factors   |                    | 12109.2 d    | 1.02283                                  | 0.67401 January 2000 Earned Value Factor | 0.53595                          | --- FY00 May Earned Value Factor |                  |

**Line Item OPNCIN2519 - Prgm/Proj Mgmt -Supplies**

BOE  
Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99  
Item Desc - Supplies  
Breakdown of Historical Data:  
Item - Supplies  
Units - Lump sum  
Unit Cost - 22300.00  
Unit Cost Adjustment factor -  
Revised Unit Cost -  
Basis for adjustment -  
  
Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99  
Item Desc - Supplies  
Breakdown of Historical Data:  
Item - GSA Lease vehicles  
Units - Lump sum  
Unit Cost - 18900.00  
Unit Cost Adjustment factor -  
Revised Unit Cost -  
Basis for adjustment -

| Resources |          | Cost Element     | Skill | Department                               | Curve                          | Quantity                         | Units            |
|-----------|----------|------------------|-------|--|--------------------------------|----------------------------------|------------------|
| A5C       | SUPPLIES | 0000             | NONE  | K267S                                    | Analytical Laboratory Services | Linear                           | 8.176.34 Dollars |
| Factors   |          | 22300 Dollars/ea | 1.015 | 0.67401 January 2000 Earned Value Factor | 0.53595                        | --- FY00 May Earned Value Factor |                  |
| A5L       | RENTALS  | 0000             | NONE  | C106S                                    | Business Management Office     | Linear                           | 6.929.72 Dollars |
| Factors   |          | 18900 d          | 1.015 | 0.67401 January 2000 Earned Value Factor | 0.53595                        | --- FY00 May Earned Value Factor |                  |

**Line Item OPNCIN3931 - Strategic planning- Dir.of Analytical Services**

BOE  
Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99  
Item Desc - Director of Analytical Services  
Breakdown of Historical Data:  
Item - Director  
Units - ea.  
Unit Cost - 1850 hrs  
Unit Cost Adjustment factor -  
Revised Unit Cost -  
Basis for adjustment -

| Resources |                    | Cost Element | Skill                                    | Department | Curve                            | Quantity | Units        |
|-----------|--------------------|--------------|--|------------|----------------------------------|----------|--------------|
| 750       | STRAIGHT TIME BASE | M020         | MANAGERS (GRADE 69 - 72)                 | K267S      | Analytical Laboratory Services   | Linear   | 668.28 Hours |
| Factors   |                    | 1850 H       | 0.67401 January 2000 Earned Value Factor | 0.53595    | --- FY00 May Earned Value Factor |          |              |

**Line Item OPNCIN3932 - Strategic planning-Secretary to Director**

BOE  
Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99  
Item Desc - Secretary to director  
Breakdown of Historical Data:  
Item - Secretary  
Units - ea.  
Unit Cost - 1,850 hrs  
Unit Cost Adjustment factor -  
Revised Unit Cost -  
Basis for adjustment -

| Resources |  | Cost Element | Skill | Department | Curve | Quantity | Units |
|-----------|--|--------------|-------|------------|-------|----------|-------|
|-----------|--|--------------|-------|------------|-------|----------|-------|

WBS No: 1HAH1010  
Activity ID: 1HAH1010P2

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1HAH  
Activity Filter \*

Starts In FY \*

|         |                    |      |                           |              |                                |         |        |                              |
|---------|--------------------|------|---------------------------|--------------|--------------------------------|---------|--------|------------------------------|
| 750     | STRAIGHT TIME BASE | G010 | ADMINISTRATIVE ASSISTANTS | K267S        | Analvtical Laboratory Services | Linear  | 668.28 | Hours                        |
| Factors | 1850               | h    | 0.67401                   | January 2000 | Earned Value Factor            | 0.53595 | ---    | FY00 May Earned Value Factor |

Activity ID: 1HXXX10105

Description: Analytical Project Integration - FY06

Cost Risk 1 Schedule Risk 1

| Line Item                      | Description                      | Quantity | Units | BOE Type | Labor Hours/Unit | Labor Hours Total | Labor Cost Total | Materials/ Sub Cost | Contingency & Escalation | Total Prime Cost | Burden Cost | Total Cost |
|--------------------------------|----------------------------------|----------|-------|----------|------------------|-------------------|------------------|---------------------|--------------------------|------------------|-------------|------------|
| 101                            | Project Interface                | 0.96     | each  | HC       | 3.700            | 3.570             | 111.782          | 86.663              | 0                        | 198.445          | 38.900      | 237.345    |
| 102                            | Radiological Engineering Support | 0.96     | each  | HC       | 1.850            | 1.785             | 61.068           | 0                   | 0                        | 61.068           | 21.252      | 82.319     |
| SYS                            | Contingency And Escalation       | 1.00     | ea    | EE       | 0                | 0                 | 0                | 0                   | 270.622                  | 270.622          | 0           | 270.622    |
| Total for Activity 1HXXX10105: |                                  |          |       |          |                  | 5.355             | 172.850          | 86.663              | 270.622                  | 530.134          | 60.152      | 590.286    |

**Line Item 101 - Project Interface**

BOE

Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99

Item Desc - Project integration

Breakdown of Historical Data:

Item - Labor

Units - ea.

Unit Cost -

Unit Cost Adjustment factor -

Revised Unit Cost -

Basis for adjustment -

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

| Cost Element |                    |    | Skill    |          | Department |                                | Curve  | Quantity  | Units   |
|--------------|--------------------|----|----------|----------|------------|--------------------------------|--------|-----------|---------|
| 750          | STRAIGHT TIME BASE |    | S010     | CHEMISTS | K267S      | Analvtical Laboratory Services | Linear | 3.700.00  | Hours   |
| Factors      | 2                  | ea | 1850 hrs |          |            |                                |        |           |         |
| A5H          | SUBCONTRACTED SRVS |    | S010     | CHEMISTS | K267S      | Analvtical Laboratory Services | Linear | 89.813.90 | Dollars |
| Factors      | 1                  | ea | 1850 hrs |          | 60 dollars |                                |        |           |         |

0.80913 [SYS 061400] .80704 - Svsstem

**Line Item 102 - Radiological Engineering Support**

BOE

Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99

Item Desc - Review & approve PRE's

Breakdown of Historical Data:

Item - Labor

Units - ea.

Unit Cost -

Unit Cost Adjustment factor -

Revised Unit Cost -

Basis for adjustment -

Resources

| Cost Element |                    |    | Skill |                 | Department |               | Curve  | Quantity | Units |
|--------------|--------------------|----|-------|-----------------|------------|---------------|--------|----------|-------|
| 750          | STRAIGHT TIME BASE |    | E130  | OTHER ENGINEERS | R100S      | RMRS Salaried | Linear | 1.850.00 | Hours |
| Factors      | 1                  | ea | 1850  | hrs             |            |               |        |          |       |

**Line Item SYS - Contingency And Escalation**

BOE

Resources

| Cost Element |                 |  | Skill |      | Department |               | Curve  | Quantity   | Units   |
|--------------|-----------------|--|-------|------|------------|---------------|--------|------------|---------|
| CON          | CONTINGENCY     |  | 0000  | NONE | ZDEPT      | No Department | Linear | 199.320.60 | Dollars |
| Factors      | 199321 Dollars  |  |       |      |            |               |        |            |         |
| ESC          | ESCALATION      |  | 0000  | NONE | ZDEPT      | No Department | Linear | 71.301.19  | Dollars |
| Factors      | 71301.2 Dollars |  |       |      |            |               |        |            |         |

Activity ID: 1HXXX10115

Description: Records Management - FY06

Cost Risk 1 Schedule Risk 1

| Line Item                      | Description                  | Quantity | Units | BOE Type | Labor Hours/Unit | Labor Hours Total | Labor Cost Total | Materials/ Sub Cost | Contingency & Escalation | Total Prime Cost | Burden Cost | Total Cost |
|--------------------------------|------------------------------|----------|-------|----------|------------------|-------------------|------------------|---------------------|--------------------------|------------------|-------------|------------|
| 101                            | Analvtical Report Management | 0.96     | each  | VQ       | 0                | 0                 | 0                | 370.526             | 0                        | 370.526          | 0           | 370.526    |
| SYS                            | Contingency And Escalation   | 1.00     | ea    | EE       | 0                | 0                 | 0                | 0                   | 313.681                  | 313.681          | 0           | 313.681    |
| Total for Activity 1HXXX10115: |                              |          |       |          |                  | 0                 | 0                | 370.526             | 313.681                  | 684.207          | 0           | 684.207    |

WBS No: 1HAH1010  
Activity ID: 1HXXX10115

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1HAH  
Activity Filter \*

Starts In FY \*

**Line Item 101 - Analytical Report Management**

**BOE**  
Vendor Name - Source One  
Vendor Quote - FY05 Management of analytical reports and records.  
Quote Received by - R. Stagner  
Date Received - 4/20/00  
Item being quoted - Records Management  
Other Info -  
Availability -

| Resources |            | Cost Element | Skill                        | Department | Curve                          | Quantity | Units                  |
|-----------|------------|--------------|------------------------------|------------|--------------------------------|----------|------------------------|
| A55       | SOURCE ONE | P170         | OTHER ADMINISTRATIVE & PROFE | K267S      | Analvtical Laboratory Services | Linear   | 295.000.00 Dollars     |
| Factors   | 1          | Is           | 295000                       | dollars    |                                |          |                        |
| A55       | SOURCE ONE | P170         | OTHER ADMINISTRATIVE & PROFE | K267S      | Analvtical Laboratory Services | Linear   | 87.000.00 Dollars      |
| Factors   | 1          | Is           | 87000                        | dollars    |                                |          |                        |
|           |            |              |                              |            |                                |          | Target Adjust 05/30/00 |
| A5C       | SUPPLIES   | 0000         | NONE                         | K267S      | Analvtical Laboratory Services | Linear   | 2.000.00 Dollars       |
| Factors   | 1          | Is           | 2000                         | dollars    |                                |          |                        |

**Line Item SYS - Contingency And Escalation**

| Resources |             | Cost Element | Skill | Department | Curve         | Quantity | Units              |
|-----------|-------------|--------------|-------|------------|---------------|----------|--------------------|
| CON       | CONTINGENCY | 0000         | NONE  | ZDEPT      | No Department | Linear   | 231.034.60 Dollars |
| Factors   | 231035      | Dollars      |       |            |               |          |                    |
| ESC       | ESCALATION  | 0000         | NONE  | ZDEPT      | No Department | Linear   | 82.645.95 Dollars  |
| Factors   | 82646       | Dollars      |       |            |               |          |                    |

Activity ID: 1HXXX10125 Description: Quality Assurance - FY06

Cost Risk 1 Schedule Risk 1

| Line Item                      | Description                             | Quantity | Units | BOE Type | Labor Hours/Unit | Labor Hours Total | Labor Cost Total | Materials/ Sub Cost | Contingency & Escalation | Total Prime Cost | Burden Cost | Total Cost |
|--------------------------------|---|----------|-------|----------|------------------|-------------------|------------------|---------------------|--------------------------|------------------|-------------|------------|
| 101                            | Analytical Data Examination             | 0.96     | each  | HC       | 0                | 0                 | 0                | 243                 | 0                        | 243              | 0           | 243        |
| 103                            | Analytical Data Assess - 25% Valid.     | 0.96     | each  | HC       | 0                | 0                 | 0                | 62.772              | 0                        | 62.772           | 0           | 62.772     |
| 104                            | Laboratory Audits                       | 0.96     | each  | HC       | 480              | 463               | 14.501           | 18.816              | 0                        | 33.317           | 5.047       | 38.364     |
| 105                            | Analytical Services Procd Devel & Maint | 0.96     | each  | HC       | 152              | 146               | 4.583            | 0                   | 0                        | 4.583            | 1.595       | 6.178      |
| SYS                            | Contingency And Escalation              | 1.00     | ea    | EE       | 0                | 0                 | 0                | 0                   | 91.055                   | 91.055           | 0           | 91.055     |
| Total for Activity 1HXXX10125: |   |          |       |          |                  | 610               | 19.085           | 81.830              | 91.055                   | 191.970          | 6.641       | 198.611    |

**Line Item 101 - Analytical Data Examination**

**BOE**  
Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99  
Item Desc - Analytical data examination  
Breakdown of Historical Data:  
Item - Labor  
Units - ea.  
Unit Cost -  
Unit Cost Adjustment factor -  
Revised Unit Cost -  
Basis for adjustment -  
  
This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

| Resources                           |                    | Cost Element | Skill    | Department | Curve                          | Quantity | Units          |
|-------------------------------------|--------------------|--------------|----------|------------|--------------------------------|----------|----------------|
| A5H                                 | SUBCONTRACTED SRVS | S010         | CHEMISTS | K267S      | Analvtical Laboratory Services | Linear   | 251.48 Dollars |
| Factors                             | 1                  | ea           | 1850     | hrs        | 0.168                          |          |                |
| 0.80913 [SYS 0614001.80704 - Svstem |                    |              |          |            |                                |          |                |

**Line Item 103 - Analytical Data Assess - 25% Valid.**

**BOE**  
Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99  
Item Desc - Perform electronic data validation on 25% of the data packages  
Breakdown of Historical Data:  
Item - Data validation  
Units - Data packages  
Unit Cost -  
Unit Cost Adjustment factor -

WBS No: 1HAH1010  
Activity ID: 1HXXX10125

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1HAH  
Activity Filter \* Starts In FY \*

Revised Unit Cost -  
Basis for adjustment -  
  
This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

| Resources |                    | Cost Element | Skill                        | Department | Curve                          | Quantity | Units            |
|-----------|--------------------|--------------|------------------------------|------------|--------------------------------|----------|------------------|
| A5H       | SUBCONTRACTED SRVS | P170         | OTHER ADMINISTRATIVE & PROFE | K267S      | Analvtical Laboratory Services | Linear   | 65.054.39Dollars |
| Factors   | 12 months          | 6700         | dollars                      |            |                                |          |                  |

0.80913 [SYS 061400] .80704 - System

**Line Item 104 - Laboratory Audits**

|     |  |  |  |  |  |  |  |
|-----|--|--|--|--|--|--|--|
| BOE | Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99<br>Item Desc - Offsite lab audits<br>Breakdown of Historical Data:<br>Item - Labor<br>Units - hrs<br>Unit Cost - 32 hrs/ea.<br>Unit Cost Adjustment factor -<br>Revised Unit Cost -<br>Basis for adjustment - |  |  |  |  |  |  |
|     | Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99<br>Item Desc - Offsite lab audits<br>Breakdown of Historical Data:<br>Item - Travel<br>Units - ea.<br>Unit Cost - 1300.00<br>Unit Cost Adjustment factor -<br>Revised Unit Cost -<br>Basis for adjustment -   |  |  |  |  |  |  |

| Resources |                      | Cost Element | Skill    | Department | Curve                          | Quantity | Units            |
|-----------|----------------------|--------------|----------|------------|--------------------------------|----------|------------------|
| 750       | STRAIGHT TIME BASE   | S010         | CHEMISTS | K267S      | Analvtical Laboratory Services | Linear   | 480.00Hours      |
| Factors   | 15 ea                | 32           | hrs      |            |                                |          |                  |
| A5M       | TRAVEL/TRAIN/RELOCAT | 0000         | NONE     | K267S      | Analvtical Laboratory Services | Linear   | 19.500.00Dollars |
| Factors   | 15 ea                | 1300         | dollars  |            |                                |          |                  |

**Line Item 105 - Analytical Services Proceel Devel & Maint**

|     |   |  |  |  |  |  |  |
|-----|---|--|--|--|--|--|--|
| BOE | Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99<br>Item Desc - Procedure development/update<br>Breakdown of Historical Data:<br>Item - Labor<br>Units - ea.<br>Unit Cost -<br>Unit Cost Adjustment factor -<br>Revised Unit Cost -<br>Basis for adjustment - |  |  |  |  |  |  |
|     |   |  |  |  |  |  |  |

| Resources |                    | Cost Element | Skill    | Department | Curve                          | Quantity | Units       |
|-----------|--------------------|--------------|----------|------------|--------------------------------|----------|-------------|
| 750       | STRAIGHT TIME BASE | S010         | CHEMISTS | K267S      | Analvtical Laboratory Services | Linear   | 151.70Hours |
| Factors   | 1 ea               | 1850         | hrs      | 0.082      |                                |          |             |

**Line Item SYS - Contingency And Escalation**

| BOE       |                 |              |       |            |               |          |                  |
|-----------|-----------------|--------------|-------|------------|---------------|----------|------------------|
|           |                 |              |       |            |               |          |                  |
| Resources |                 | Cost Element | Skill | Department | Curve         | Quantity | Units            |
| CON       | CONTINGENCY     | 0000         | NONE  | ZDEPT      | No Department | Linear   | 67.064.61Dollars |
| Factors   | 67064.6 Dollars |              |       |            |               |          |                  |
| ESC       | ESCALATION      | 0000         | NONE  | ZDEPT      | No Department | Linear   | 23.990.42Dollars |
| Factors   | 23990.4 Dollars |              |       |            |               |          |                  |

Activity ID: 1HXXX10135 Description: Contract Oversight - FY06

Cost Risk 1 Schedule Risk 1

| Line Item | Description | Quantity | Units | BOE Type | Labor Hours/Unit | Labor Hours Total | Labor Cost Total | Materials/ Sub Cost | Contingency & Escalation | Total Prime Cost | Burden Cost | Total Cost |
|-----------|-------------|----------|-------|----------|------------------|-------------------|------------------|---------------------|--------------------------|------------------|-------------|------------|
|-----------|-------------|----------|-------|----------|------------------|-------------------|------------------|---------------------|--------------------------|------------------|-------------|------------|

WBS No: 1HAH1010  
Activity ID: 1HXXX10135

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1HAH  
Activity Filter \*

|                                |                               |      |      |    |       |       |         |   |         |         |        |         |
|--------------------------------|-------------------------------|------|------|----|-------|-------|---------|---|---------|---------|--------|---------|
| 101                            | Contract Management - CTR's   | 0.96 | each | HC | 4.625 | 4.463 | 149.813 | 0 | 0       | 149.813 | 52.135 | 201.949 |
| 102                            | Contract Management - SA's    | 0.96 | each | HC | 1.850 | 1.785 | 46.823  | 0 | 0       | 46.823  | 16.294 | 63.117  |
| 103                            | SOW Development & Maintenance | 0.96 | each | HC | 463   | 446   | 13.973  | 0 | 0       | 13.973  | 4.863  | 18.835  |
| SYS                            | Contingency And Escalation    | 1.00 | ea   | EE | 0     | 0     | 0       | 0 | 240.345 | 240.345 | 0      | 240.345 |
| Total for Activity 1HXXX10135: |                               |      |      |    |       | 6.694 | 210.609 | 0 | 240.345 | 450.954 | 73.292 | 524.246 |

**Line Item 101 - Contract Management - CTR's**

|     |  |  |  |  |  |  |  |  |  |  |  |  |
|-----|--|--|--|--|--|--|--|--|--|--|--|--|
| BOE | Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99<br>Item Desc - Contract Technical Representatives (CTRs)<br>Breakdown of Historical Data:<br>Item - Labor<br>Units - ea.<br>Unit Cost -<br>Unit Cost Adjustment factor -<br>Revised Unit Cost -<br>Basis for adjustment - |  |  |  |  |  |  |  |  |  |  |  |
|-----|--|--|--|--|--|--|--|--|--|--|--|--|

|           |              |                    |    |       |                            |            |                                |        |          |       |
|-----------|--------------|--------------------|----|-------|----------------------------|------------|--------------------------------|--------|----------|-------|
| Resources | Cost Element |                    |    | Skill |                            | Department |                                | Curve  | Quantity | Units |
|           | 750          | STRAIGHT TIME BASE |    | M030  | MANAGEMENT INTEGRATORS (GR | K267S      | Analytical Laboratory Services | Linear | 925.00   | Hours |
|           | Factors      | 1                  | ea | 1850  | hrs/vr                     | 0.5        | ea                             |        |          |       |
|           | 750          | STRAIGHT TIME BASE |    | S010  | CHEMISTS                   | K267S      | Analytical Laboratory Services | Linear | 3.700.00 | Hours |
|           | Factors      | 2                  | ea | 1850  | hrs/vr                     |            |                                |        |          |       |

**Line Item 102 - Contract Management - SA's**

|     |   |  |  |  |  |  |  |  |  |  |  |  |
|-----|---|--|--|--|--|--|--|--|--|--|--|--|
| BOE | Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99<br>Item Desc - Subcontractor Administrators (SAs)<br>Breakdown of Historical Data:<br>Item - Labor<br>Units - ea.<br>Unit Cost -<br>Unit Cost Adjustment factor -<br>Revised Unit Cost -<br>Basis for adjustment - |  |  |  |  |  |  |  |  |  |  |  |
|-----|---|--|--|--|--|--|--|--|--|--|--|--|

|           |              |                    |    |       |                              |            |                                |        |          |       |
|-----------|--------------|--------------------|----|-------|------------------------------|------------|--------------------------------|--------|----------|-------|
| Resources | Cost Element |                    |    | Skill |                              | Department |                                | Curve  | Quantity | Units |
|           | 750          | STRAIGHT TIME BASE |    | P170  | OTHER ADMINISTRATIVE & PROFE | K267S      | Analytical Laboratory Services | Linear | 1.850.00 | Hours |
|           | Factors      | 1                  | ea | 1850  | hrs/vr                       |            |                                |        |          |       |

**Line Item 103 - SOW Development & Maintenance**

|     |  |  |  |  |  |  |  |  |  |  |  |  |
|-----|--|--|--|--|--|--|--|--|--|--|--|--|
| BOE | Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99<br>Item Desc - Statement of Work (SOW) development & maintenance<br>Breakdown of Historical Data:<br>Item - Labor<br>Units - ea.<br>Unit Cost -<br>Unit Cost Adjustment factor -<br>Revised Unit Cost -<br>Basis for adjustment - |  |  |  |  |  |  |  |  |  |  |  |
|-----|--|--|--|--|--|--|--|--|--|--|--|--|

|           |              |                    |    |       |          |            |                                |       |          |        |
|-----------|--------------|--------------------|----|-------|----------|------------|--------------------------------|-------|----------|--------|
| Resources | Cost Element |                    |    | Skill |          | Department |                                | Curve | Quantity | Units  |
|           | 750          | STRAIGHT TIME BASE |    | S010  | CHEMISTS | K267S      | Analytical Laboratory Services |       | Linear   | 462.50 |
|           | Factors      | 1                  | ea | 1850  | hrs/vr   | 0.25       | ea                             |       |          |        |

**Line Item SYS - Contingency And Escalation**

|           |                         |             |      |       |       |               |        |            |          |       |
|-----------|-------------------------|-------------|------|-------|-------|---------------|--------|------------|----------|-------|
| BOE       |                         |             |      |       |       |               |        |            |          |       |
| Resources | Cost Element            |             |      | Skill |       | Department    |        | Curve      | Quantity | Units |
|           | CON                     | CONTINGENCY | 0000 | NONE  | ZDEPT | No Department | Linear | 177.021.10 | Dollars  |       |
|           | Factors 177021 Dollars  |             |      |       |       |               |        |            |          |       |
|           | ESC                     | ESCALATION  | 0000 | NONE  | ZDEPT | No Department | Linear | 63.324.18  | Dollars  |       |
|           | Factors 63324.2 Dollars |             |      |       |       |               |        |            |          |       |

Activity ID: 1HXXX10145 Description: Project / Program Management - FY06

Cost Risk 1 Schedule Risk 1

|           |             |          |       |     |       |             |            |                |             |             |             |            |
|-----------|-------------|----------|-------|-----|-------|-------------|------------|----------------|-------------|-------------|-------------|------------|
| Line Item | Description | Quantity | Units | BOE | Labor | Labor Hours | Labor Cost | Materials/ Sub | Contingency | Total Prime | Burden Cost | Total Cost |
|-----------|-------------|----------|-------|-----|-------|-------------|------------|----------------|-------------|-------------|-------------|------------|



WBS No: 1HAH1010  
Activity ID: 1HXXX10145

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1HAH

|                                |                              |       | Type | Hours/Unit | Total | Total   | Activity Filter | * Cost  | & Escalation | Cost    | Starts In FY | *       |
|--------------------------------|------------------------------|-------|------|------------|-------|---------|-----------------|---------|--------------|---------|--------------|---------|
| 101                            | Planning & Reporting         | 0.96  | ea   | HC         | 0     | 0       | 0               | 114,246 | 0            | 114,246 | 0            | 114,246 |
| 102                            | Project / Program Management | 0.96  | ea   | HC         | 2,775 | 2,678   | 133,444         | 11,000  | 0            | 144,444 | 46,439       | 190,883 |
| 103                            | Lessons Learned Program      | 11.58 | mo   | HC         | 5     | 58      | 1,519           | 0       | 0            | 1,519   | 528          | 2,047   |
| SYS                            | Contingency And Escalation   | 1.00  | ea   | EE         | 0     | 0       | 0               | 0       | 260,049      | 260,049 | 0            | 260,049 |
| Total for Activity 1HXXX10145: |                              |       |      |            | 2,736 | 134,963 | 125,246         | 260,049 | 520,257      | 46,967  | 567,224      |         |

**Line Item 101 - Planning & Reporting**

|     |   |  |  |  |  |  |  |  |  |  |  |  |
|-----|---|--|--|--|--|--|--|--|--|--|--|--|
| BOE | Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99<br>Item Desc - Planning & Reporting, Technical Services<br>Breakdown of Historical Data:<br>Item - Labor<br>Units - ea.<br>Unit Cost -<br>Unit Cost Adjustment factor -<br>Revised Unit Cost -<br>Basis for adjustment - |  |  |  |  |  |  |  |  |  |  |  |
|-----|---|--|--|--|--|--|--|--|--|--|--|--|

| Cost Element |        | Skill |                              | Department |                                | Curve   | Quantity   | Units   |
|--------------|--------|-------|------------------------------|------------|--------------------------------|---------|------------|---------|
| A52          | TENERA | P170  | OTHER ADMINISTRATIVE & PROFE | K267S      | Analvtical Laboratory Services | Linear  | 118,400.00 | Dollars |
| Factors      | 1      | EA    | 1850                         | hrs/vr     | 64                             | dollars |            |         |

**Line Item 102 - Project / Program Management**

|     |   |  |  |  |  |  |  |  |  |  |  |  |
|-----|---|--|--|--|--|--|--|--|--|--|--|--|
| BOE | Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99<br>Item Desc - Project/Program management & Integration<br>Breakdown of Historical Data:<br>Item - Labor<br>Units - ea.<br>Unit Cost -<br>Unit Cost Adjustment factor -<br>Revised Unit Cost -<br>Basis for adjustment -<br><br>Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99<br>Item Desc - Project/Program management & Integration<br>Breakdown of Historical Data:<br>Item - Supplies<br>Units - dollars<br>Unit Cost -<br>Unit Cost Adjustment factor -<br>Revised Unit Cost -<br>Basis for adjustment -<br><br>Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99<br>Item Desc - Project/Program management & Integration<br>Breakdown of Historical Data:<br>Item - Travel<br>Units - ea.<br>Unit Cost -<br>Unit Cost Adjustment factor -<br>Revised Unit Cost -<br>Basis for adjustment - |  |  |  |  |  |  |  |  |  |  |  |
|-----|---|--|--|--|--|--|--|--|--|--|--|--|

| Cost Element |                      | Skill  |                            | Department |                                | Curve  | Quantity | Units   |
|--------------|----------------------|--------|----------------------------|------------|--------------------------------|--------|----------|---------|
| 750          | STRAIGHT TIME BASE   | M020   | MANAGERS (GRADE 69 - 72)   | K267S      | Analvtical Laboratory Services | Linear | 1,850.00 | Hours   |
| Factors      | 1                    | ea     | 1850                       | hrs/vr     |                                |        |          |         |
| 750          | STRAIGHT TIME BASE   | M030   | MANAGEMENT INTEGRATORS /GR | K267S      | Analvtical Laboratory Services | Linear | 925.00   | Hours   |
| Factors      | 1                    | ea     | 1850                       | hrs/vr     | 0.5                            | ea     |          |         |
| A5C          | SUPPLIES             | 0000   | NONE                       | K267S      | Analvtical Laboratory Services | Linear | 3,600.00 | Dollars |
| Factors      | 12                   | months | 300                        | dollars    |                                |        |          |         |
| A5M          | TRAVEL/TRAIN/RELOCAT | 0000   | NONE                       | K267S      | Analvtical Laboratory Services | Linear | 7,800.00 | Dollars |
| Factors      | 6                    | ea     | 1300                       | dollars    |                                |        |          |         |

WBS No: 1HAH1010  
Activity ID: 1HXXX10145

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1HAH  
Activity Filter \*

Starts In FY \*

**Line Item 103 - Lessons Learned Program**

|     |  |  |  |  |  |  |  |  |  |  |  |  |
|-----|--|--|--|--|--|--|--|--|--|--|--|--|
| BOE | Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99<br>Item Desc - Administration of Lessons Learned Program<br>Breakdown of Historical Data:<br>Item - Labor<br>Units - ea.<br>Unit Cost -<br>Unit Cost Adjustment factor -<br>Revised Unit Cost -<br>Basis for adjustment - |  |  |  |  |  |  |  |  |  |  |  |
|-----|--|--|--|--|--|--|--|--|--|--|--|--|

| Resources | Cost Element |                    | Skill |                              | Department |                                | Curve  | Quantity | Units |
|-----------|--------------|--------------------|-------|------------------------------|------------|--------------------------------|--------|----------|-------|
|           | 750          | STRAIGHT TIME BASE | P170  | OTHER ADMINISTRATIVE & PROFE | K267S      | Analytical Laboratory Services | Linear | 5.00     | Hours |
|           | Factors      | 1                  | ea    | 5                            | hrs/month  |                                |        |          |       |

**Line Item SYS - Contingency And Escalation**

|           |                         |             |  |       |      |            |               |        |            |         |
|-----------|-------------------------|-------------|--|-------|------|------------|---------------|--------|------------|---------|
| BOE       |                         |             |  |       |      |            |               |        |            |         |
| Resources | Cost Element            |             |  | Skill |      | Department |               | Curve  | Quantity   | Units   |
|           | CON                     | CONTINGENCY |  | 0000  | NONE | ZDEPT      | No Department | Linear | 191.533.40 | Dollars |
|           | Factors 191533 Dollars  |             |  |       |      |            |               |        |            |         |
|           | ESC                     | ESCALATION  |  | 0000  | NONE | ZDEPT      | No Department | Linear | 68.515.53  | Dollars |
|           | Factors 68515.5 Dollars |             |  |       |      |            |               |        |            |         |

|                         |   |
|-------------------------|---|
| WBS No: 1HAH1020        | Title: Onsite Commercial Laboratories         |
| Activity ID: 1HAH102001 | Description: Onsite Commercial Lab Operations |

| Line Item                      | Description                | Quantity | Units | BOE Type | Labor Hours/Unit | Labor Hours Total | Labor Cost Total | Materials/ Sub Cost | Contingency & Escalation | Total Prime Cost | Burden Cost | Total Cost |
|--------------------------------|----------------------------|----------|-------|----------|------------------|-------------------|------------------|---------------------|--------------------------|------------------|-------------|------------|
| 101                            | Lab Operations             | 1.00     | each  | HC       | 0                | 0                 | 0                | 27,400              | 0                        | 27,400           | 0           | 27,400     |
| SYS                            | Contingency And Escalation | 1.00     | ea    | EE       | 0                | 0                 | 0                | 0                   | 1,449                    | 1,449            | 0           | 1,449      |
| Total for Activity 1HAH102001: |                            |          |       |          |                  | 0                 | 0                | 27,400              | 1,449                    | 28,849           | 0           | 28,849     |

**Line Item 101 - Lab Operations**

|     |   |  |  |  |  |  |  |  |  |  |  |  |
|-----|---|--|--|--|--|--|--|--|--|--|--|--|
| BOE | Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99<br>Item Desc - Misc. supplies & GFE<br>Breakdown of Historical Data:<br>Item -<br>Units -<br>Unit Cost -<br>Unit Cost Adjustment factor -<br>Revised Unit Cost -<br>Basis for adjustment - |  |  |  |  |  |  |  |  |  |  |  |
|-----|---|--|--|--|--|--|--|--|--|--|--|--|

| Resources | Cost Element |          |       | Skill |         | Department |                                | Curve        | Quantity  | Units   |
|-----------|--------------|----------|-------|-------|---------|------------|--------------------------------|--------------|-----------|---------|
|           | A5C          | SUPPLIES |       | 0000  | NONE    | K267S      | Analytical Laboratory Services | Linear       | 2,400.00  | Dollars |
|           | Factors      | 1        | ls    | 200   | dollars | 12         | months                         |              |           |         |
|           | A5C          | SUPPLIES |       | 0000  | NONE    | K267S      | Analytical Laboratory Services | Linear       | 5,000.00  | Dollars |
|           | Factors      | 1        | ls    | 5000  | dollars |            |                                |              |           |         |
|           | A5C          | SUPPLIES |       | 0000  | NONE    | K267S      | Analytical Laboratory Services | Max Backload | 20,000.00 | Dollars |
|           | Factors      | 1        | ea/yr | 20000 | dollars |            |                                |              |           |         |

**Line Item SYS - Contingency And Escalation**

|           |                         |             |  |       |      |            |               |        |          |         |
|-----------|-------------------------|-------------|--|-------|------|------------|---------------|--------|----------|---------|
| BOE       |                         |             |  |       |      |            |               |        |          |         |
| Resources | Cost Element            |             |  | Skill |      | Department |               | Curve  | Quantity | Units   |
|           | CON                     | CONTINGENCY |  | 0000  | NONE | ZDEPT      | No Department | Linear | 873.30   | Dollars |
|           | Factors 873.304 Dollars |             |  |       |      |            |               |        |          |         |
|           | ESC                     | ESCALATION  |  | 0000  | NONE | ZDEPT      | No Department | Linear | 576.16   | Dollars |
|           | Factors 576.161 Dollars |             |  |       |      |            |               |        |          |         |

|                         |   |
|-------------------------|---|
| Activity ID: 1HAH102002 | Description: Onsite Commercial Lab Operations |
|-------------------------|---|

| Line Item | Description | Quantity | Units | BOE Type | Labor Hours/Unit | Labor Hours Total | Labor Cost Total | Materials/ Sub Cost | Contingency & Escalation | Total Prime Cost | Burden Cost | Total Cost |
|-----------|-------------|----------|-------|----------|------------------|-------------------|------------------|---------------------|--------------------------|------------------|-------------|------------|
|-----------|-------------|----------|-------|----------|------------------|-------------------|------------------|---------------------|--------------------------|------------------|-------------|------------|

WBS No: 1HAH1020  
Activity ID: 1HAH102002

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1HAH  
Activity Filter

|                                |                             |      |      | TYPE | HOURS/UNIT | COST | COST | ACTIVITY FILTER | % ESCALATION | COST   | STARTS IN FY |        |
|--------------------------------|-----------------------------|------|------|------|------------|------|------|-----------------|--------------|--------|--------------|--------|
| 101                            | Lab Operations              | 1.00 | each | HC   | 0          | 0    | 0    | 27.400          | 0            | 27.400 | 0            | 27.400 |
| 102                            | Radiological Lab Operations | 1.00 | each | HC   | 0          | 0    | 0    | 3.700           | 0            | 3.700  | 0            | 3.700  |
| SYS                            | Contingency And Escalation  | 1.00 | lea  | EE   | 0          | 0    | 0    | 0               | 4.636        | 4.636  | 0            | 4.636  |
| Total for Activity 1HAH102002: |                             |      |      |      |            | 0    | 0    | 31.100          | 4.636        | 35.736 | 0            | 35.736 |

**Line Item 101 - Lab Operations**

|     |   |  |  |  |  |  |  |  |  |  |  |  |
|-----|---|--|--|--|--|--|--|--|--|--|--|--|
| BOE | Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99<br>Item Desc - Misc. supplies & GFE<br>Breakdown of Historical Data:<br>Item -<br>Units -<br>Unit Cost -<br>Unit Cost Adjustment factor -<br>Revised Unit Cost -<br>Basis for adjustment - |  |  |  |  |  |  |  |  |  |  |  |
|-----|---|--|--|--|--|--|--|--|--|--|--|--|

|           |              |          |       |       |            |                                |              |           |         |
|-----------|--------------|----------|-------|-------|------------|--------------------------------|--------------|-----------|---------|
| Resources | Cost Element |          | Skill |       | Department |                                | Curve        | Quantity  | Units   |
|           | A5C          | SUPPLIES | 0000  | NONE  | K267S      | Analytical Laboratory Services | Linear       | 2.400.00  | Dollars |
|           | Factors      | 1        | Is    | 200   | dollars    | 12                             | months       |           |         |
|           | A5C          | SUPPLIES | 0000  | NONE  | K267S      | Analytical Laboratory Services | Linear       | 5.000.00  | Dollars |
|           | Factors      | 1        | Is    | 5000  | dollars    |                                |              |           |         |
|           | A5C          | SUPPLIES | 0000  | NONE  | K267S      | Analytical Laboratory Services | Max Backload | 20.000.00 | Dollars |
|           | Factors      | 1        | ea/yr | 20000 | dollars    |                                |              |           |         |

**Line Item 102 - Radiological Lab Operations**

|     |   |  |  |  |  |  |  |  |  |  |  |  |
|-----|---|--|--|--|--|--|--|--|--|--|--|--|
| BOE | Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99<br>Item Desc - Misc. supplies & GFE<br>Breakdown of Historical Data:<br>Item -<br>Units -<br>Unit Cost -<br>Unit Cost Adjustment factor -<br>Revised Unit Cost -<br>Basis for adjustment - |  |  |  |  |  |  |  |  |  |  |  |
|-----|---|--|--|--|--|--|--|--|--|--|--|--|

|           |              |          |       |      |            |                                |        |          |         |
|-----------|--------------|----------|-------|------|------------|--------------------------------|--------|----------|---------|
| Resources | Cost Element |          | Skill |      | Department |                                | Curve  | Quantity | Units   |
|           | A5C          | SUPPLIES | 0000  | NONE | K267S      | Analytical Laboratory Services | Linear | 1.200.00 | Dollars |
|           | Factors      | 1        | Is    | 200  | dollars    | 6                              | months |          |         |
|           | A5C          | SUPPLIES | 0000  | NONE | K267S      | Analytical Laboratory Services | Linear | 2.500.00 | Dollars |
|           | Factors      | 1        | Is    | 2500 | dollars    |                                |        |          |         |

**Line Item SYS - Contingency And Escalation**

|           |              |                 |  |       |      |            |               |        |          |         |
|-----------|--------------|-----------------|--|-------|------|------------|---------------|--------|----------|---------|
| BOE       |              |                 |  |       |      |            |               |        |          |         |
| Resources | Cost Element |                 |  | Skill |      | Department |               | Curve  | Quantity | Units   |
|           | CON          | CONTINGENCY     |  | 0000  | NONE | ZDEPT      | No Department | Linear | 3.182.99 | Dollars |
|           | Factors      | 3182.99 Dollars |  |       |      |            |               |        |          |         |
|           | ESC          | ESCALATION      |  | 0000  | NONE | ZDEPT      | No Department | Linear | 1.453.35 | Dollars |
|           | Factors      | 1453.35 Dollars |  |       |      |            |               |        |          |         |

Activity ID: 1HAH102003 Description: Onsite Commercial Lab Operations

Cost Risk 1 Schedule Risk 1

| Line Item                      | Description                 | Quantity | Units | BOE Type | Labor Hours/Unit | Labor Hours Total | Labor Cost Total | Materials/ Sub Cost | Contingency & Escalation | Total Prime Cost | Burden Cost | Total Cost |
|--------------------------------|-----------------------------|----------|-------|----------|------------------|-------------------|------------------|---------------------|--------------------------|------------------|-------------|------------|
| 101                            | Lab Operations              | 1.00     | each  | HC       | 0                | 0                 | 0                | 27.400              | 0                        | 27.400           | 0           | 27.400     |
| 102                            | Radiological Lab Operations | 1.00     | each  | HC       | 0                | 0                 | 0                | 7.400               | 0                        | 7.400            | 0           | 7.400      |
| SYS                            | Contingency And Escalation  | 1.00     | ea    | EE       | 0                | 0                 | 0                | 0                   | 9.624                    | 9.624            | 0           | 9.624      |
| Total for Activity 1HAH102003: |                             |          |       |          |                  | 0                 | 0                | 34.800              | 9.624                    | 44.424           | 0           | 44.424     |

**Line Item 101 - Lab Operations**

|     |   |  |  |  |  |  |  |  |  |  |  |  |
|-----|---|--|--|--|--|--|--|--|--|--|--|--|
| BOE | Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99<br>Item Desc - Misc. supplies & GFE<br>Breakdown of Historical Data: |  |  |  |  |  |  |  |  |  |  |  |
|-----|---|--|--|--|--|--|--|--|--|--|--|--|

WBS No: 1HAH1020  
Activity ID: 1HAH102003

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1HAH  
Activity Filter \*

Starts In FY \*

Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor -  
Revised Unit Cost -  
Basis for adjustment -

**Resources**

| Cost Element |          | Skill |       | Department |                                | Curve        | Quantity  | Units   |
|--------------|----------|-------|-------|------------|--------------------------------|--------------|-----------|---------|
| A5C          | SUPPLIES | 0000  | NONE  | K267S      | Analytical Laboratory Services | Linear       | 2.400.00  | Dollars |
| Factors      | 1        | ls    | 200   | dollars    | 12                             | months       |           |         |
| A5C          | SUPPLIES | 0000  | NONE  | K267S      | Analytical Laboratory Services | Linear       | 5.000.00  | Dollars |
| Factors      | 1        | ls    | 5000  | dollars    |                                |              |           |         |
| A5C          | SUPPLIES | 0000  | NONE  | K267S      | Analytical Laboratory Services | Max Backload | 20.000.00 | Dollars |
| Factors      | 1        | ea/yr | 20000 | dollars    |                                |              |           |         |

**Line Item 102 - Radiological Lab Operations**

**BOE**

Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99  
Item Desc - Misc. supplies & GFE  
Breakdown of Historical Data:  
Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor -  
Revised Unit Cost -  
Basis for adjustment -

**Resources**

| Cost Element |          | Skill |      | Department |                                | Curve  | Quantity | Units   |
|--------------|----------|-------|------|------------|--------------------------------|--------|----------|---------|
| A5C          | SUPPLIES | 0000  | NONE | K267S      | Analytical Laboratory Services | Linear | 2.400.00 | Dollars |
| Factors      | 1        | ls    | 200  | dollars    | 12                             | months |          |         |
| A5C          | SUPPLIES | 0000  | NONE | K267S      | Analytical Laboratory Services | Linear | 5.000.00 | Dollars |
| Factors      | 1        | ls    | 5000 | dollars    |                                |        |          |         |

**Line Item SYS - Contingency And Escalation**

**BOE**

**Resources**

| Cost Element |             | Skill   |      | Department |               | Curve  | Quantity | Units   |
|--------------|-------------|---------|------|------------|---------------|--------|----------|---------|
| CON          | CONTINGENCY | 0000    | NONE | ZDEPT      | No Department | Linear | 6.955.40 | Dollars |
| Factors      | 6955.4      | Dollars |      |            |               |        |          |         |
| ESC          | ESCALATION  | 0000    | NONE | ZDEPT      | No Department | Linear | 2.668.65 | Dollars |
| Factors      | 2668.65     | Dollars |      |            |               |        |          |         |

Activity ID: 1HAH102004 Description: Onsite Commercial Lab Operations

Cost Risk 1 Schedule Risk 1

| Line Item                      | Description                 | Quantity | Units | BOE Type | Labor Hours/Unit | Labor Hours Total | Labor Cost Total | Materials/ Sub Cost | Contingency & Escalation | Total Prime Cost | Burden Cost | Total Cost |
|--------------------------------|-----------------------------|----------|-------|----------|------------------|-------------------|------------------|---------------------|--------------------------|------------------|-------------|------------|
| 101                            | Lab Operations              | 1.00     | each  | HC       | 0                | 0                 | 0                | 7.400               | 0                        | 7.400            | 0           | 7.400      |
| 102                            | Radiological Lab Operations | 1.00     | each  | HC       | 0                | 0                 | 0                | 7.400               | 0                        | 7.400            | 0           | 7.400      |
| SYS                            | Contingency And Escalation  | 1.00     | ea    | EF       | 0                | 0                 | 0                | 0                   | 2.109                    | 2.109            | 0           | 2.109      |
| Total for Activity 1HAH102004: |                             |          |       |          |                  | 0                 | 0                | 14.800              | 2.109                    | 16.909           | 0           | 16.909     |

**Line Item 101 - Lab Operations**

**BOE**

Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99  
Item Desc - Misc. supplies & GFE  
Breakdown of Historical Data:  
Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor -  
Revised Unit Cost -  
Basis for adjustment -

**Resources**

| Cost Element |          | Skill |      | Department |                                | Curve  | Quantity | Units   |
|--------------|----------|-------|------|------------|--------------------------------|--------|----------|---------|
| A5C          | SUPPLIES | 0000  | NONE | K267S      | Analytical Laboratory Services | Linear | 5.000.00 | Dollars |
| Factors      | 1        | ls    | 5000 | dollars    |                                |        |          |         |

WBS No: 1HAH1020  
Activity ID: 1HAH102004

**Rocky Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project  
WBS Filter  
Activity Filter  
Baseline Devl  
1HAH  
\*

Starts In FY \*

|         |          |      |      |         |                                |        |          |         |
|---------|----------|------|------|---------|--------------------------------|--------|----------|---------|
| A5C     | SUPPLIES | 0000 | NONE | K267S   | Analytical Laboratory Services | Linear | 2,400.00 | Dollars |
| Factors | 1        | Is   | 200  | dollars | 12                             | months |          |         |

**Line Item 102 - Radiological Lab Operations**

BOE

Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99  
Item Desc - Misc. supplies & GFE  
Breakdown of Historical Data:  
Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor -  
Revised Unit Cost -  
Basis for adjustment -

Resources

| Cost Element |          |    | Skill |      | Department |                                | Curve  | Quantity | Units   |
|--------------|----------|----|-------|------|------------|--------------------------------|--------|----------|---------|
| A5C          | SUPPLIES |    | 0000  | NONE | K267S      | Analvtical Laboratory Services | Linear | 2,400.00 | Dollars |
| Factors      | 1        | ls |       | 200  | dollars    | 12                             | months |          |         |
| A5C          | SUPPLIES |    | 0000  | NONE | K267S      | Analvtical Laboratory Services | Linear | 5,000.00 | Dollars |
| Factors      | 1        | ls |       | 5000 | dollars    |                                |        |          |         |

**Line Item SYS - Contingency And Escalation**

BOE

Resources

| Cost Element    | Skill     | Department          | Curve  | Quantity | Units   |
|-----------------|-----------|---------------------|--------|----------|---------|
| CON CONTINGENCY | 0000 NONE | ZDEPT No Department | Linear | 688.17   | Dollars |
| Factors         | 688.173   | Dollars             |        |          |         |
| ESC ESCALATION  | 0000 NONE | ZDEPT No Department | Linear | 1,421.04 | Dollars |
| Factors         | 1421.04   | Dollars             |        |          |         |

Activity ID: 1HAH102005 Description: Onsite Commercial Lab Operations

Cost Risk 1 Schedule Risk 1

| Line Item                      | Description                 | Quantity | Units | BOE Type | Labor Hours/Unit | Labor Hours Total | Labor Cost Total | Materials/ Sub Cost | Contingency & Escalation | Total Prime Cost | Burden Cost | Total Cost |
|--------------------------------|-----------------------------|----------|-------|----------|------------------|-------------------|------------------|---------------------|--------------------------|------------------|-------------|------------|
| 101                            | Lab Operations              | 1.00     | each  | HC       | 0                | 0                 | 0                | 7,400               | 0                        | 7,400            | 0           | 7,400      |
| 102                            | Radiological Lab Operations | 1.00     | each  | HC       | 0                | 0                 | 0                | 7,400               | 0                        | 7,400            | 0           | 7,400      |
| SYS                            | Contingency And Escalation  | 1.00     | ea    | EE       | 0                | 0                 | 0                | 0                   | 7,897                    | 7,897            | 0           | 7,897      |
| Total for Activity 1HAH102005: |                             |          |       |          |                  | 0                 | 0                | 14,800              | 7,897                    | 22,697           | 0           | 22,697     |

**Line Item 101 - Lab Operations**

BOE

Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99  
Item Desc - Misc. supplies & GFE  
Breakdown of Historical Data:  
Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor -  
Revised Unit Cost -  
Basis for adjustment -

Resources

| Cost Element |          |    | Skill |      | Department |                                | Curve  | Quantity | Units   |
|--------------|----------|----|-------|------|------------|--------------------------------|--------|----------|---------|
| A5C          | SUPPLIES |    | 0000  | NONE | K267S      | Analvtical Laboratory Services | Linear | 5,000.00 | Dollars |
| Factors      | 1        | Is | 5000  |      | dollars    |                                |        |          |         |
| A5C          | SUPPLIES |    | 0000  | NONE | K267S      | Analvtical Laboratory Services | Linear | 2,400.00 | Dollars |
| Factors      | 1        | Is | 200   |      | dollars    |                                | 12     |          | months  |

**Line Item 102 - Radiological Lab Operations**

BOE

Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99  
Item Desc - Misc. supplies & GFE  
Breakdown of Historical Data:  
Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor -  
Revised Unit Cost -

WBS No: 1HAH1020  
Activity ID: 1HAH102005

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1HAH  
Activity Filter \* Starts In FY \*

Basis for adjustment -

**Resources**

| Cost Element |          | Skill |      | Department |                                | Curve  | Quantity | Units   |
|--------------|----------|-------|------|------------|--------------------------------|--------|----------|---------|
| A5C          | SUPPLIES | 0000  | NONE | K267S      | Analytical Laboratory Services | Linear | 2,400.00 | Dollars |
| Factors      | 1        | Is    | 200  | dollars    | 12                             | months |          |         |
| A5C          | SUPPLIES | 0000  | NONE | K267S      | Analytical Laboratory Services | Linear | 5,000.00 | Dollars |
| Factors      | 1        | Is    | 5000 | dollars    |                                |        |          |         |

**Line Item SYS - Contingency And Escalation**

**BOE**

**Resources**

| Cost Element |             | Skill   |      | Department |               | Curve  | Quantity | Units   |
|--------------|-------------|---------|------|------------|---------------|--------|----------|---------|
| CON          | CONTINGENCY | 0000    | NONE | ZDEPT      | No Department | Linear | 5,604.37 | Dollars |
| Factors      | 5604.37     | Dollars |      |            |               |        |          |         |
| ESC          | ESCALATION  | 0000    | NONE | ZDEPT      | No Department | Linear | 2,292.75 | Dollars |
| Factors      | 2292.75     | Dollars |      |            |               |        |          |         |

Activity ID: 1HXXXH2005 Description: Onsite Commercial Lab Operations - FY06

Cost Risk 1 Schedule Risk 1

| Line Item                      | Description                 | Quantity | Units | BOE Type | Labor Hours/Unit | Labor Hours Total | Labor Cost Total | Materials/ Sub Cost | Contingency & Escalation | Total Prime Cost | Burden Cost | Total Cost |
|--------------------------------|-----------------------------|----------|-------|----------|------------------|-------------------|------------------|---------------------|--------------------------|------------------|-------------|------------|
| 101                            | Lab Operations              | 0.96     | each  | HC       | 0                | 0                 | 0                | 7,140               | 0                        | 7,140            | 0           | 7,140      |
| 102                            | Radiological Lab Operations | 0.96     | each  | HC       | 0                | 0                 | 0                | 7,140               | 0                        | 7,140            | 0           | 7,140      |
| SYS                            | Contingency And Escalation  | 1.00     | lea   | EE       | 0                | 0                 | 0                | 0                   | 12,090                   | 12,090           | 0           | 12,090     |
| Total for Activity 1HXXXH2005: |                             |          |       |          |                  | 0                 | 0                | 14,281              | 12,090                   | 26,370           | 0           | 26,370     |

**Line Item 101 - Lab Operations**

**BOE**

Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99  
Item Desc - Misc. supplies & GFE  
Breakdown of Historical Data:  
Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor -  
Revised Unit Cost -  
Basis for adjustment -

**Resources**

| Cost Element |          | Skill |      | Department |                                | Curve  | Quantity | Units   |
|--------------|----------|-------|------|------------|--------------------------------|--------|----------|---------|
| A5C          | SUPPLIES | 0000  | NONE | K267S      | Analytical Laboratory Services | Linear | 5,000.00 | Dollars |
| Factors      | 1        | Is    | 5000 | dollars    |                                |        |          |         |
| A5C          | SUPPLIES | 0000  | NONE | K267S      | Analytical Laboratory Services | Linear | 2,400.00 | Dollars |
| Factors      | 1        | Is    | 200  | dollars    | 12                             | months |          |         |

**Line Item 102 - Radiological Lab Operations**

**BOE**

Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99  
Item Desc - Misc. supplies & GFE  
Breakdown of Historical Data:  
Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor -  
Revised Unit Cost -  
Basis for adjustment -

**Resources**

| Cost Element |          | Skill |      | Department |                                | Curve  | Quantity | Units   |
|--------------|----------|-------|------|------------|--------------------------------|--------|----------|---------|
| A5C          | SUPPLIES | 0000  | NONE | K267S      | Analytical Laboratory Services | Linear | 2,400.00 | Dollars |
| Factors      | 1        | Is    | 200  | dollars    | 12                             | months |          |         |
| A5C          | SUPPLIES | 0000  | NONE | K267S      | Analytical Laboratory Services | Linear | 5,000.00 | Dollars |
| Factors      | 1        | Is    | 5000 | dollars    |                                |        |          |         |

**Line Item SYS - Contingency And Escalation**

**BOE**

**Resources**

| Cost Element |  | Skill |  | Department |  | Curve | Quantity | Units |
|--------------|--|-------|--|------------|--|-------|----------|-------|
|--------------|--|-------|--|------------|--|-------|----------|-------|

WBS No: 1HAH1020  
Activity ID: 1HXXXH2005

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1HAH  
Activity Filter \*

Starts In FY \*

|                         |             |      |      |       |               |        |          |         |
|-------------------------|-------------|------|------|-------|---------------|--------|----------|---------|
| CON                     | CONTINGENCY | 0000 | NONE | ZDEPT | No Department | Linear | 8,904.46 | Dollars |
| Factors 8904.46 Dollars |             |      |      |       |               |        |          |         |
| ESC                     | ESCALATION  | 0000 | NONE | ZDEPT | No Department | Linear | 3,185.31 | Dollars |
| Factors 3185.31 Dollars |             |      |      |       |               |        |          |         |

WBS No: 1HAH1030 Title: Offsite Commercial Laboratories  
Activity ID: 1HAH103001 Description: Offsite Commercial Lab Operations

Cost Risk 1 Schedule Risk 1

| Line Item                      | Description                | Quantity | Units | BOE Type | Labor Hours/Unit | Labor Hours Total | Labor Cost Total | Materials/ Sub Cost | Contingency & Escalation | Total Prime Cost | Burden Cost | Total Cost |
|--------------------------------|----------------------------|----------|-------|----------|------------------|-------------------|------------------|---------------------|--------------------------|------------------|-------------|------------|
| 101                            | Lab Operations             | 1.00     | each  | HC       | 0                | 0                 | 0                | 5,000               | 0                        | 5,000            | 0           | 5,000      |
| SYS                            | Contingency And Escalation | 1.00     | lea   | EE       | 0                | 0                 | 0                | 0                   | 265                      | 265              | 0           | 265        |
| Total for Activity 1HAH103001: |                            |          |       |          |                  | 0                 | 0                | 5,000               | 265                      | 5,265            | 0           | 5,265      |

**Line Item 101 - Lab Operations**

BOE  
Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99  
Item Desc - Misc. supplies & GFE  
Breakdown of Historical Data:  
Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor -  
Revised Unit Cost -  
Basis for adjustment -

| Resources                 | Cost Element | Skill     | Department                           | Curve  | Quantity | Units   |
|---------------------------|--------------|-----------|--------------------------------------|--------|----------|---------|
| A5C                       | SUPPLIES     | 0000 NONE | K267S Analytical Laboratory Services | Linear | 5,000.00 | Dollars |
| Factors 1 ls 5000 dollars |              |           |                                      |        |          |         |

**Line Item SYS - Contingency And Escalation**

| Resources               | Cost Element | Skill     | Department          | Curve  | Quantity | Units   |
|-------------------------|--------------|-----------|---------------------|--------|----------|---------|
| CON                     | CONTINGENCY  | 0000 NONE | ZDEPT No Department | Linear | 159.36   | Dollars |
| Factors 159.362 Dollars |              |           |                     |        |          |         |
| ESC                     | ESCALATION   | 0000 NONE | ZDEPT No Department | Linear | 105.14   | Dollars |
| Factors 105.139 Dollars |              |           |                     |        |          |         |

Activity ID: 1HAH103002 Description: Offsite Commercial Lab Operations

Cost Risk 1 Schedule Risk 1

| Line Item                      | Description                | Quantity | Units | BOE Type | Labor Hours/Unit | Labor Hours Total | Labor Cost Total | Materials/ Sub Cost | Contingency & Escalation | Total Prime Cost | Burden Cost | Total Cost |
|--------------------------------|----------------------------|----------|-------|----------|------------------|-------------------|------------------|---------------------|--------------------------|------------------|-------------|------------|
| 101                            | Lab Operations             | 1.00     | each  | HC       | 0                | 0                 | 0                | 5,000               | 0                        | 5,000            | 0           | 5,000      |
| SYS                            | Contingency And Escalation | 1.00     | lea   | EE       | 0                | 0                 | 0                | 0                   | 745                      | 745              | 0           | 745        |
| Total for Activity 1HAH103002: |                            |          |       |          |                  | 0                 | 0                | 5,000               | 745                      | 5,745            | 0           | 5,745      |

**Line Item 101 - Lab Operations**

BOE  
Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99  
Item Desc - Misc. supplies & GFE  
Breakdown of Historical Data:  
Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor -  
Revised Unit Cost -  
Basis for adjustment -

| Resources                 | Cost Element | Skill     | Department                           | Curve  | Quantity | Units   |
|---------------------------|--------------|-----------|--------------------------------------|--------|----------|---------|
| A5C                       | SUPPLIES     | 0000 NONE | K267S Analytical Laboratory Services | Linear | 5,000.00 | Dollars |
| Factors 1 ls 5000 dollars |              |           |                                      |        |          |         |

**Line Item SYS - Contingency And Escalation**

| Resources | Cost Element | Skill | Department | Curve | Quantity | Units |
|-----------|--------------|-------|------------|-------|----------|-------|
|-----------|--------------|-------|------------|-------|----------|-------|

WBS No: 1HAH1030  
Activity ID: 1HAH103002

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1HAH  
Activity Filter \*

|                         |             |      |      |       |               |        |        |         |
|-------------------------|-------------|------|------|-------|---------------|--------|--------|---------|
| CON                     | CONTINGENCY | 0000 | NONE | ZDEPT | No Department | Linear | 511.73 | Dollars |
| Factors 511.734 Dollars |             |      |      |       |               |        |        |         |
| ESC                     | ESCALATION  | 0000 | NONE | ZDEPT | No Department | Linear | 233.66 | Dollars |
| Factors 233.657 Dollars |             |      |      |       |               |        |        |         |

Activity ID: 1HAH103003 Description: Offsite Commercial Lab Operations

Cost Risk 1 Schedule Risk 1

| Line Item                      | Description                | Quantity | Units | BOE Type | Labor Hours/Unit | Labor Hours Total | Labor Cost Total | Materials/ Sub Cost | Contingency & Escalation | Total Prime Cost | Burden Cost | Total Cost |
|--------------------------------|----------------------------|----------|-------|----------|------------------|-------------------|------------------|---------------------|--------------------------|------------------|-------------|------------|
| 101                            | Lab Operations             | 1.00     | each  | HC       | 0                | 0                 | 0                | 5.000               | 0                        | 5.000            | 0           | 5.000      |
| SYS                            | Contingency And Escalation | 1.00     | ea    | EE       | 0                | 0                 | 0                | 0                   | 1.383                    | 1.383            | 0           | 1.383      |
| Total for Activity 1HAH103003: |                            |          |       |          |                  | 0                 | 0                | 5.000               | 1.383                    | 6.383            | 0           | 6.383      |

**Line Item 101 - Lab Operations**

|     |   |
|-----|---|
| BOE | Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99<br>Item Desc - Misc. supplies & GFE<br>Breakdown of Historical Data:<br>Item -<br>Units -<br>Unit Cost -<br>Unit Cost Adjustment factor -<br>Revised Unit Cost -<br>Basis for adjustment - |
|-----|---|

|                           |              |           |                                      |        |          |         |
|---------------------------|--------------|-----------|--------------------------------------|--------|----------|---------|
| Resources                 | Cost Element | Skill     | Department                           | Curve  | Quantity | Units   |
| A5C                       | SUPPLIES     | 0000 NONE | K267S Analytical Laboratory Services | Linear | 5.000.00 | Dollars |
| Factors 1 ls 5000 dollars |              |           |                                      |        |          |         |

**Line Item SYS - Contingency And Escalation**

|           |                         |             |  |       |      |            |               |        |          |         |
|-----------|-------------------------|-------------|--|-------|------|------------|---------------|--------|----------|---------|
| BOE       |                         |             |  |       |      |            |               |        |          |         |
| Resources | Cost Element            |             |  | Skill |      | Department |               | Curve  | Quantity | Units   |
|           | CON                     | CONTINGENCY |  | 0000  | NONE | ZDEPT      | No Department | Linear | 999.34   | Dollars |
|           | Factors 999.339 Dollars |             |  |       |      |            |               |        |          |         |
|           | ESC                     | ESCALATION  |  | 0000  | NONE | ZDEPT      | No Department | Linear | 383.43   | Dollars |
|           | Factors 383.426 Dollars |             |  |       |      |            |               |        |          |         |

Activity ID: 1HAH103004 Description: Offsite Commercial Lab Operations

Cost Risk 1 Schedule Risk 1

| Line Item                      | Description                | Quantity | Units | BOE Type | Labor Hours/Unit | Labor Hours Total | Labor Cost Total | Materials/ Sub Cost | Contingency & Escalation | Total Prime Cost | Burden Cost | Total Cost |
|--------------------------------|----------------------------|----------|-------|----------|------------------|-------------------|------------------|---------------------|--------------------------|------------------|-------------|------------|
| 101                            | Lab Operations             | 1.00     | each  | HC       | 0                | 0                 | 0                | 5.000               | 0                        | 5.000            | 0           | 5.000      |
| SYS                            | Contingency And Escalation | 1.00     | ea    | EE       | 0                | 0                 | 0                | 0                   | 713                      | 713              | 0           | 713        |
| Total for Activity 1HAH103004: |                            |          |       |          |                  | 0                 | 0                | 5.000               | 713                      | 5.713            | 0           | 5.713      |

**Line Item 101 - Lab Operations**

|     |   |
|-----|---|
| BOE | Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99<br>Item Desc - Misc. supplies & GFE<br>Breakdown of Historical Data:<br>Item -<br>Units -<br>Unit Cost -<br>Unit Cost Adjustment factor -<br>Revised Unit Cost -<br>Basis for adjustment - |
|-----|---|

|                           |              |           |                                      |        |          |         |
|---------------------------|--------------|-----------|--------------------------------------|--------|----------|---------|
| Resources                 | Cost Element | Skill     | Department                           | Curve  | Quantity | Units   |
| A5C                       | SUPPLIES     | 0000 NONE | K267S Analytical Laboratory Services | Linear | 5.000.00 | Dollars |
| Factors 1 ls 5000 dollars |              |           |                                      |        |          |         |

**Line Item SYS - Contingency And Escalation**

|           |              |       |            |       |          |       |
|-----------|--------------|-------|------------|-------|----------|-------|
| BOE       |              |       |            |       |          |       |
| Resources |              |       |            |       |          |       |
|           | Cost Element | Skill | Department | Curve | Quantity | Units |



WBS No: 1HAH1030  
Activity ID: 1HAH103004

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1HAH  
Activity Filter \*

|                         |             |      |      |       |               |        |        |         |
|-------------------------|-------------|------|------|-------|---------------|--------|--------|---------|
| CON                     | CONTINGENCY | 0000 | NONE | ZDEPT | No Department | Linear | 232.49 | Dollars |
| Factors 232.491 Dollars |             |      |      |       |               |        |        |         |
| ESC                     | ESCALATION  | 0000 | NONE | ZDEPT | No Department | Linear | 480.08 | Dollars |
| Factors 480.081 Dollars |             |      |      |       |               |        |        |         |

Activity ID: 1HAH103005 Description: Offsite Commercial Lab Operations

Cost Risk 1 Schedule Risk 1

| Line Item                      | Description                | Quantity | Units | BOE Type | Labor Hours/Unit | Labor Hours Total | Labor Cost Total | Materials/ Sub Cost | Contingency & Escalation | Total Prime Cost | Burden Cost | Total Cost |
|--------------------------------|----------------------------|----------|-------|----------|------------------|-------------------|------------------|---------------------|--------------------------|------------------|-------------|------------|
| 101                            | Lab Operations             | 1.00     | each  | HC       | 0                | 0                 | 0                | 5.000               | 0                        | 5.000            | 0           | 5.000      |
| SYS                            | Contingency And Escalation | 1.00     | ea    | EE       | 0                | 0                 | 0                | 0                   | 2.668                    | 2.668            | 0           | 2.668      |
| Total for Activity 1HAH103005: |                            |          |       |          |                  | 0                 | 0                | 5.000               | 2.668                    | 7.668            | 0           | 7.668      |

**Line Item 101 - Lab Operations**

|     |   |  |  |  |  |  |  |  |  |  |  |  |
|-----|---|--|--|--|--|--|--|--|--|--|--|--|
| BOE | Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99<br>Item Desc - Misc. supplies & GFE<br>Breakdown of Historical Data:<br>Item -<br>Units -<br>Unit Cost -<br>Unit Cost Adjustment factor -<br>Revised Unit Cost -<br>Basis for adjustment - |  |  |  |  |  |  |  |  |  |  |  |
|-----|---|--|--|--|--|--|--|--|--|--|--|--|

|                           |              |           |                                      |        |          |         |
|---------------------------|--------------|-----------|--------------------------------------|--------|----------|---------|
| Resources                 | Cost Element | Skill     | Department                           | Curve  | Quantity | Units   |
| A5C                       | SUPPLIES     | 0000 NONE | K267S Analytical Laboratory Services | Linear | 5.000.00 | Dollars |
| Factors 1 ls 5000 dollars |              |           |                                      |        |          |         |

**Line Item SYS - Contingency And Escalation**

|           |                         |             |  |       |      |            |               |        |          |         |
|-----------|-------------------------|-------------|--|-------|------|------------|---------------|--------|----------|---------|
| BOE       |                         |             |  |       |      |            |               |        |          |         |
| Resources | Cost Element            |             |  | Skill |      | Department |               | Curve  | Quantity | Units   |
|           | CON                     | CONTINGENCY |  | 0000  | NONE | ZDEPT      | No Department | Linear | 1.893.37 | Dollars |
|           | Factors 1893.37 Dollars |             |  |       |      |            |               |        |          |         |
|           | ESC                     | ESCALATION  |  | 0000  | NONE | ZDEPT      | No Department | Linear | 774.58   | Dollars |
|           | Factors 774.577 Dollars |             |  |       |      |            |               |        |          |         |

Activity ID: 1HXXXH3005 Description: Offsite Commercial Lab Operations- FY06

Cost Risk 1 Schedule Risk 1

| Line Item                      | Description                | Quantity | Units | BOE Type | Labor Hours/Unit | Labor Hours Total | Labor Cost Total | Materials/ Sub Cost | Contingency & Escalation | Total Prime Cost | Burden Cost | Total Cost |
|--------------------------------|----------------------------|----------|-------|----------|------------------|-------------------|------------------|---------------------|--------------------------|------------------|-------------|------------|
| 101                            | Lab Operations             | 0.96     | each  | HC       | 0                | 0                 | 0                | 4.825               | 0                        | 4.825            | 0           | 4.825      |
| SYS                            | Contingency And Escalation | 1.00     | ea    | EE       | 0                | 0                 | 0                | 0                   | 4.084                    | 4.084            | 0           | 4.084      |
| Total for Activity 1HXXXH3005: |                            |          |       |          |                  | 0                 | 0                | 4.825               | 4.084                    | 8.909            | 0           | 8.909      |

**Line Item 101 - Lab Operations**

|     |   |  |  |  |  |  |  |  |  |  |  |  |
|-----|---|--|--|--|--|--|--|--|--|--|--|--|
| BOE | Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99<br>Item Desc - Misc. supplies & GFE<br>Breakdown of Historical Data:<br>Item -<br>Units -<br>Unit Cost -<br>Unit Cost Adjustment factor -<br>Revised Unit Cost -<br>Basis for adjustment - |  |  |  |  |  |  |  |  |  |  |  |
|-----|---|--|--|--|--|--|--|--|--|--|--|--|

|                           |              |           |                                      |        |          |         |
|---------------------------|--------------|-----------|--------------------------------------|--------|----------|---------|
| Resources                 | Cost Element | Skill     | Department                           | Curve  | Quantity | Units   |
| A5C                       | SUPPLIES     | 0000 NONE | K267S Analytical Laboratory Services | Linear | 5.000.00 | Dollars |
| Factors 1 ls 5000 dollars |              |           |                                      |        |          |         |

**Line Item SYS - Contingency And Escalation**

|           |              |       |            |       |          |       |
|-----------|--------------|-------|------------|-------|----------|-------|
| BOE       |              |       |            |       |          |       |
| Resources | Cost Element | Skill | Department | Curve | Quantity | Units |

WBS No: 1HAH1030  
Activity ID: 1HXXXH3005

**Rocky Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1HAH  
Activity Filter \*

|                         |             |      |      |       |               |        |          |         |
|-------------------------|-------------|------|------|-------|---------------|--------|----------|---------|
| CON                     | CONTINGENCY | 0000 | NONE | ZDEPT | No Department | Linear | 3,008.26 | Dollars |
| Factors 3008.26 Dollars |             |      |      |       |               |        |          |         |
| ESC                     | ESCALATION  | 0000 | NONE | ZDEPT | No Department | Linear | 1,076.12 | Dollars |
| Factors 1076.12 Dollars |             |      |      |       |               |        |          |         |

WBS No: 1HAH1040 Title: Sampling Operations  
Activity ID: 1HAH104001 Description: Sampling Services

Cost Risk 1 Schedule Risk 1

| Line Item                      | Description                            | Quantity | Units | BOE Type | Labor Hours/Unit | Labor Hours Total | Labor Cost Total | Materials/ Sub Cost | Contingency & Escalation | Total Prime Cost | Burden Cost | Total Cost |
|--------------------------------|--|----------|-------|----------|------------------|-------------------|------------------|---------------------|--------------------------|------------------|-------------|------------|
| 101                            | Receiving, Packaging, & Transportation | 1.00     | each  | HC       | 0                | 0                 | 0                | 24.824              | 0                        | 24.824           | 0           | 24.824     |
| SYS                            | Contingency And Escalation             | 1.00     | ea    | EE       | 0                | 0                 | 0                | 0                   | 1.313                    | 1.313            | 0           | 1.313      |
| Total for Activity 1HAH104001: |  |          |       |          |                  | 0                 | 0                | 24.824              | 1.313                    | 26.137           | 0           | 26.137     |

**Line Item 101 - Receiving, Packaging, & Transportation**

BOE  
Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99  
Item Desc - Misc. supplies & GFE  
Breakdown of Historical Data:  
Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor -  
Revised Unit Cost -  
Basis for adjustment -

| Resources                     | Cost Element | Skill     | Department                           | Curve  | Quantity  | Units   |
|-------------------------------|--------------|-----------|--------------------------------------|--------|-----------|---------|
| A5C                           | SUPPLIES     | 0000 NONE | K267S Analytical Laboratory Services | Linear | 5,000.00  | Dollars |
| Factors 1 ls 5000 dollars     |              |           |                                      |        |           |         |
| A5C                           | SUPPLIES     | 0000 NONE | K267S Analytical Laboratory Services | Linear | 4,400.00  | Dollars |
| Factors 2 ea 2200 dollars     |              |           |                                      |        |           |         |
| A5C                           | SUPPLIES     | 0000 NONE | K267S Analytical Laboratory Services | Linear | 1,600.00  | Dollars |
| Factors 1 ea 1600 dollars     |              |           |                                      |        |           |         |
| A5C                           | SUPPLIES     | 0000 NONE | K267S Analytical Laboratory Services | Linear | 3,000.00  | Dollars |
| Factors 1 ls 3000 dollars     |              |           |                                      |        |           |         |
| A5L                           | RENTALS      | 0000 NONE | C106S Business Management Office     | Linear | 10,824.00 | Dollars |
| Factors 12 months 902 dollars |              |           |                                      |        |           |         |

**Line Item SYS - Contingency And Escalation**

| Resources               | Cost Element | Skill     | Department          | Curve  | Quantity | Units   |
|-------------------------|--------------|-----------|---------------------|--------|----------|---------|
| CON                     | CONTINGENCY  | 0000 NONE | ZDEPT No Department | Linear | 791.20   | Dollars |
| Factors 791.201 Dollars |              |           |                     |        |          |         |
| ESC                     | ESCALATION   | 0000 NONE | ZDEPT No Department | Linear | 521.99   | Dollars |
| Factors 521.993 Dollars |              |           |                     |        |          |         |

Activity ID: 1HAH104002 Description: Sampling Services

Cost Risk 1 Schedule Risk 1

| Line Item                      | Description                            | Quantity | Units | BOE Type | Labor Hours/Unit | Labor Hours Total | Labor Cost Total | Materials/ Sub Cost | Contingency & Escalation | Total Prime Cost | Burden Cost | Total Cost |
|--------------------------------|--|----------|-------|----------|------------------|-------------------|------------------|---------------------|--------------------------|------------------|-------------|------------|
| 101                            | Receiving, Packaging, & Transportation | 1.00     | each  | HC       | 0                | 0                 | 0                | 24.824              | 0                        | 24.824           | 0           | 24.824     |
| SYS                            | Contingency And Escalation             | 1.00     | ea    | EE       | 0                | 0                 | 0                | 0                   | 3.701                    | 3.701            | 0           | 3.701      |
| Total for Activity 1HAH104002: |  |          |       |          |                  | 0                 | 0                | 24.824              | 3.701                    | 28.525           | 0           | 28.525     |

**Line Item 101 - Receiving, Packaging, & Transportation**

BOE  
Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99  
Item Desc - Misc. supplies & GFE  
Breakdown of Historical Data:  
Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor -  
Revised Unit Cost -

WBS No: 1HAH1040  
Activity ID: 1HAH104002

**Rocky Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1HAH  
Activity Filter \* Starts In FY \*

Basis for adjustment -

**Resources**

| Cost Element |          | Skill  |      | Department |                                | Curve  | Quantity  | Units   |
|--------------|----------|--------|------|------------|--------------------------------|--------|-----------|---------|
| A5C          | SUPPLIES | 0000   | NONE | K267S      | Analvtical Laboratory Services | Linear | 5.000.00  | Dollars |
| Factors      | 1        | ls     | 5000 | dollars    |                                |        |           |         |
| A5C          | SUPPLIES | 0000   | NONE | K267S      | Analvtical Laboratory Services | Linear | 4.400.00  | Dollars |
| Factors      | 2        | ea     | 2200 | dollars    |                                |        |           |         |
| A5C          | SUPPLIES | 0000   | NONE | K267S      | Analvtical Laboratory Services | Linear | 1.600.00  | Dollars |
| Factors      | 1        | ea     | 1600 | dollars    |                                |        |           |         |
| A5C          | SUPPLIES | 0000   | NONE | K267S      | Analvtical Laboratory Services | Linear | 3.000.00  | Dollars |
| Factors      | 1        | ls     | 3000 | dollars    |                                |        |           |         |
| A5L          | RENTALS  | 0000   | NONE | C106S      | Business Management Office     | Linear | 10.824.00 | Dollars |
| Factors      | 12       | months | 902  | dollars    |                                |        |           |         |

**Line Item SYS - Contingency And Escalation**

**BOE**

**Resources**

| Cost Element |             | Skill   |      | Department |               | Curve  | Quantity | Units   |
|--------------|-------------|---------|------|------------|---------------|--------|----------|---------|
| CON          | CONTINGENCY | 0000    | NONE | ZDEPT      | No Department | Linear | 2.540.66 | Dollars |
| Factors      | 2540.66     | Dollars |      |            |               |        |          |         |
| ESC          | ESCALATION  | 0000    | NONE | ZDEPT      | No Department | Linear | 1.160.06 | Dollars |
| Factors      | 1160.06     | Dollars |      |            |               |        |          |         |

Activity ID: 1HAH104003 Description: Sampling Services

Cost Risk 1 Schedule Risk 1

| Line Item                      | Description                            | Quantity | Units | BOE Type | Labor Hours/Unit | Labor Hours Total | Labor Cost Total | Materials/ Sub Cost | Contingency & Escalation | Total Prime Cost | Burden Cost | Total Cost |
|--------------------------------|--|----------|-------|----------|------------------|-------------------|------------------|---------------------|--------------------------|------------------|-------------|------------|
| 101                            | Receiving, Packaging, & Transportation | 1.00     | each  | HC       | 0                | 0                 | 0                | 18.824              | 0                        | 18.824           | 0           | 18.824     |
| SYS                            | Contingency And Escalation             | 1.00     | ea    | EE       | 0                | 0                 | 0                | 0                   | 5.206                    | 5.206            | 0           | 5.206      |
| Total for Activity 1HAH104003: |  |          |       |          |                  | 0                 | 0                | 18.824              | 5.206                    | 24.030           | 0           | 24.030     |

**Line Item 101 - Receiving, Packaging, & Transportation**

**BOE**

Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99  
Item Desc - Misc. supplies & GFE  
Breakdown of Historical Data:  
Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor -  
Revised Unit Cost -  
Basis for adjustment -

**Resources**

| Cost Element |          | Skill  |      | Department |                                | Curve  | Quantity  | Units   |
|--------------|----------|--------|------|------------|--------------------------------|--------|-----------|---------|
| A5C          | SUPPLIES | 0000   | NONE | K267S      | Analvtical Laboratory Services | Linear | 5.000.00  | Dollars |
| Factors      | 1        | ls     | 5000 | dollars    |                                |        |           |         |
| A5C          | SUPPLIES | 0000   | NONE | K267S      | Analvtical Laboratory Services | Linear | 3.000.00  | Dollars |
| Factors      | 1        | ls     | 3000 | dollars    |                                |        |           |         |
| A5L          | RENTALS  | 0000   | NONE | C106S      | Business Management Office     | Linear | 10.824.00 | Dollars |
| Factors      | 12       | months | 902  | dollars    |                                |        |           |         |

**Line Item SYS - Contingency And Escalation**

**BOE**

**Resources**

| Cost Element |             | Skill   |      | Department |               | Curve  | Quantity | Units   |
|--------------|-------------|---------|------|------------|---------------|--------|----------|---------|
| CON          | CONTINGENCY | 0000    | NONE | ZDEPT      | No Department | Linear | 3.762.31 | Dollars |
| Factors      | 3762.31     | Dollars |      |            |               |        |          |         |
| ESC          | ESCALATION  | 0000    | NONE | ZDEPT      | No Department | Linear | 1.443.52 | Dollars |
| Factors      | 1443.52     | Dollars |      |            |               |        |          |         |

Activity ID: 1HAH104004 Description: Sampling Services

Cost Risk 1 Schedule Risk 1

| Line Item | Description | Quantity | Units | BOE Type | Labor Hours/Unit | Labor Hours Total | Labor Cost Total | Materials/ Sub Cost | Contingency & Escalation | Total Prime Cost | Burden Cost | Total Cost |
|-----------|-------------|----------|-------|----------|------------------|-------------------|------------------|---------------------|--------------------------|------------------|-------------|------------|
|-----------|-------------|----------|-------|----------|------------------|-------------------|------------------|---------------------|--------------------------|------------------|-------------|------------|

WBS No: 1HAH1040  
Activity ID: 1HAH104004

**Rocky Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1HAH  
Activity Filter \* Starts In FY \*

|                                |  |      |      |    |   |   |   |        |       |        |   |        |
|--------------------------------|--|------|------|----|---|---|---|--------|-------|--------|---|--------|
| 101                            | Receiving, Packaging, & Transportation | 1.00 | each | HC | 0 | 0 | 0 | 18.824 | 0     | 18.824 | 0 | 18.824 |
| SYS                            | Contingency And Escalation             | 1.00 | ea   | EE | 0 | 0 | 0 | 0      | 2.683 | 2.683  | 0 | 2.683  |
| Total for Activity 1HAH104004: |  |      |      |    |   | 0 | 0 | 18.824 | 2.683 | 21.507 | 0 | 21.507 |

**Line Item 101 - Receiving, Packaging, & Transportation**

|     |   |  |  |  |  |  |  |  |  |  |  |  |
|-----|---|--|--|--|--|--|--|--|--|--|--|--|
| BOE | Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99<br>Item Desc - Misc. supplies & GFE<br>Breakdown of Historical Data:<br>Item -<br>Units -<br>Unit Cost -<br>Unit Cost Adjustment factor -<br>Revised Unit Cost -<br>Basis for adjustment - |  |  |  |  |  |  |  |  |  |  |  |
|-----|---|--|--|--|--|--|--|--|--|--|--|--|

|           |              |          |        |      |            |                                |        |           |         |
|-----------|--------------|----------|--------|------|------------|--------------------------------|--------|-----------|---------|
| Resources | Cost Element |          | Skill  |      | Department |                                | Curve  | Quantity  | Units   |
|           | A5C          | SUPPLIES | 0000   | NONE | K267S      | Analvtical Laboratory Services | Linear | 5.000.00  | Dollars |
|           | Factors      | 1        | Is     | 5000 | dollars    |                                |        |           |         |
|           | A5C          | SUPPLIES | 0000   | NONE | K267S      | Analvtical Laboratory Services | Linear | 3.000.00  | Dollars |
|           | Factors      | 1        | Is     | 3000 | dollars    |                                |        |           |         |
|           | A5L          | RENTALS  | 0000   | NONE | C106S      | Business Management Office     | Linear | 10.824.00 | Dollars |
|           | Factors      | 12       | months | 902  | dollars    |                                |        |           |         |

**Line Item SYS - Contingency And Escalation**

|           |                         |             |  |       |      |            |               |        |          |         |
|-----------|-------------------------|-------------|--|-------|------|------------|---------------|--------|----------|---------|
| BOE       |                         |             |  |       |      |            |               |        |          |         |
| Resources | Cost Element            |             |  | Skill |      | Department |               | Curve  | Quantity | Units   |
|           | CON                     | CONTINGENCY |  | 0000  | NONE | ZDEPT      | No Department | Linear | 875.28   | Dollars |
|           | Factors 875.282 Dollars |             |  |       |      |            |               |        |          |         |
|           | ESC                     | ESCALATION  |  | 0000  | NONE | ZDEPT      | No Department | Linear | 1,807.41 | Dollars |
|           | Factors 1807.41 Dollars |             |  |       |      |            |               |        |          |         |

Activity ID: 1HAH104005 Description: Sampling Services

Cost Risk 1 Schedule Risk 1

| Line Item                      | Description                            | Quantity | Units | BOE Type | Labor Hours/Unit | Labor Hours Total | Labor Cost Total | Materials/ Sub Cost | Contingency & Escalation | Total Prime Cost | Burden Cost | Total Cost |
|--------------------------------|--|----------|-------|----------|------------------|-------------------|------------------|---------------------|--------------------------|------------------|-------------|------------|
| 101                            | Receiving, Packaging, & Transportation | 1.00     | each  | HC       | 0                | 0                 | 0                | 18.824              | 0                        | 18.824           | 0           | 18.824     |
| SYS                            | Contingency And Escalation             | 1.00     | ea    | EE       | 0                | 0                 | 0                | 0                   | 10.044                   | 10.044           | 0           | 10.044     |
| Total for Activity 1HAH104005: |  |          |       |          |                  | 0                 | 0                | 18.824              | 10.044                   | 28.868           | 0           | 28.868     |

**Line Item 101 - Receiving, Packaging, & Transportation**

|     |   |  |  |  |  |  |  |  |  |  |  |  |
|-----|---|--|--|--|--|--|--|--|--|--|--|--|
| BOE | Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99<br>Item Desc - Misc. supplies & GFE<br>Breakdown of Historical Data:<br>Item -<br>Units -<br>Unit Cost -<br>Unit Cost Adjustment factor -<br>Revised Unit Cost -<br>Basis for adjustment - |  |  |  |  |  |  |  |  |  |  |  |
|-----|---|--|--|--|--|--|--|--|--|--|--|--|

|           |              |          |        |      |            |                                |        |           |         |
|-----------|--------------|----------|--------|------|------------|--------------------------------|--------|-----------|---------|
| Resources | Cost Element |          | Skill  |      | Department |                                | Curve  | Quantity  | Units   |
|           | A5C          | SUPPLIES | 0000   | NONE | K267S      | Analvtical Laboratory Services | Linear | 5.000.00  | Dollars |
|           | Factors      | 1        | Is     | 5000 | dollars    |                                |        |           |         |
|           | A5C          | SUPPLIES | 0000   | NONE | K267S      | Analvtical Laboratory Services | Linear | 3.000.00  | Dollars |
|           | Factors      | 1        | Is     | 3000 | dollars    |                                |        |           |         |
|           | A5L          | RENTALS  | 0000   | NONE | C106S      | Business Management Office     | Linear | 10.824.00 | Dollars |
|           | Factors      | 12       | months | 902  | dollars    |                                |        |           |         |

**Line Item SYS - Contingency And Escalation**

|           |              |  |       |            |       |          |       |
|-----------|--------------|--|-------|------------|-------|----------|-------|
| BOE       |              |  |       |            |       |          |       |
| Resources | Cost Element |  | Skill | Department | Curve | Quantity | Units |

WBS No: 1HAH1040  
Activity ID: 1HAH104005

**Rocky Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1HAH  
Activity Filter \*

Starts In FY \*

|                         |             |      |      |       |               |        |          |         |
|-------------------------|-------------|------|------|-------|---------------|--------|----------|---------|
| CON                     | CONTINGENCY | 0000 | NONE | ZDEPT | No Department | Linear | 7,128.15 | Dollars |
| Factors 7128.15 Dollars |             |      |      |       |               |        |          |         |
| ESC                     | ESCALATION  | 0000 | NONE | ZDEPT | No Department | Linear | 2,916.13 | Dollars |
| Factors 2916.13 Dollars |             |      |      |       |               |        |          |         |

Activity ID: 1HXXXH4005 Description: Sampling Services - FY06

Cost Risk 1 Schedule Risk 1

| Line Item                      | Description                            | Quantity | Units | BOE Type | Labor Hours/Unit | Labor Hours Total | Labor Cost Total | Materials/ Sub Cost | Contingency & Escalation | Total Prime Cost | Burden Cost | Total Cost |
|--------------------------------|--|----------|-------|----------|------------------|-------------------|------------------|---------------------|--------------------------|------------------|-------------|------------|
| 101                            | Receiving, Packaging, & Transportation | 0.96     | each  | HC       | 0                | 0                 | 0                | 18,164              | 0                        | 18,164           | 0           | 18,164     |
| SYS                            | Contingency And Escalation             | 1.00     | ea    | EE       | 0                | 0                 | 0                | 0                   | 15,377                   | 15,377           | 0           | 15,377     |
| Total for Activity 1HXXXH4005: |  |          |       |          |                  | 0                 | 0                | 18,164              | 15,377                   | 33,540           | 0           | 33,540     |

**Line Item 101 - Receiving, Packaging, & Transportation**

BOE

Historical Data Source - Labor/ODCs cost report; 10/01/98-09/27/99  
Item Desc - Misc. supplies & GFE  
Breakdown of Historical Data:  
Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor -  
Revised Unit Cost -  
Basis for adjustment -

Resources

| Cost Element                  | Skill     | Department                           | Curve  | Quantity  | Units   |
|-------------------------------|-----------|--------------------------------------|--------|-----------|---------|
| A5C SUPPLIES                  | 0000 NONE | K267S Analytical Laboratory Services | Linear | 5,000.00  | Dollars |
| Factors 1 ls 5000 dollars     |           |                                      |        |           |         |
| A5C SUPPLIES                  | 0000 NONE | K267S Analytical Laboratory Services | Linear | 3,000.00  | Dollars |
| Factors 1 ls 3000 dollars     |           |                                      |        |           |         |
| A5L RENTALS                   | 0000 NONE | C106S Business Management Office     | Linear | 10,824.00 | Dollars |
| Factors 12 months 902 dollars |           |                                      |        |           |         |

**Line Item SYS - Contingency And Escalation**

BOE

Resources

| Cost Element            | Skill     | Department          | Curve  | Quantity  | Units   |
|-------------------------|-----------|---------------------|--------|-----------|---------|
| CON CONTINGENCY         | 0000 NONE | ZDEPT No Department | Linear | 11,325.51 | Dollars |
| Factors 11325.5 Dollars |           |                     |        |           |         |
| ESC ESCALATION          | 0000 NONE | ZDEPT No Department | Linear | 4,051.37  | Dollars |
| Factors 4051.37 Dollars |           |                     |        |           |         |

WBS No: 1HAH2010 Title: Data System Operation & Maintenance

Activity ID: 1HAH201001 Description: SWD Database

Cost Risk 2 Schedule Risk 2

| Line Item                      | Description                | Quantity | Units | BOE Type | Labor Hours/Unit | Labor Hours Total | Labor Cost Total | Materials/ Sub Cost | Contingency & Escalation | Total Prime Cost | Burden Cost | Total Cost |
|--------------------------------|----------------------------|----------|-------|----------|------------------|-------------------|------------------|---------------------|--------------------------|------------------|-------------|------------|
| SWD DQ                         | SWD Data Quality           | 1.00     | each  | EE       | 350              | 350               | 11,295           | 40,000              | 0                        | 51,295           | 5,387       | 56,682     |
| SYS                            | Contingency And Escalation | 1.00     | ea    | EE       | 0                | 0                 | 0                | 0                   | 2,998                    | 2,998            | 0           | 2,998      |
| Total for Activity 1HAH201001: |                            |          |       |          |                  | 350               | 11,295           | 40,000              | 2,998                    | 54,293           | 5,387       | 59,680     |

**Line Item SWD DQ - SWD Data Quality**

BOE

Estimators Experience - Marian Carr - 20 years environmental data experience, 3 years environmental data management experience at RFETS, manage current (FY00) data cleanup activities for SWD.  
Experience Item Desc - Data management, review and correction activities  
Breakdown of Cost Data:  
Item - Onsite labor and subcontractor support  
Units - ea  
Unit Cost - onsite labor rates for 350 hrs. Programming support at Fixed unit rate for Dyn I&ET support.  
Unit Cost Adjustment factor -  
Revised Unit Cost -  
Basis for adjustment -

Resources

| Cost Element | Skill | Department | Curve | Quantity | Units |
|--------------|-------|------------|-------|----------|-------|
|--------------|-------|------------|-------|----------|-------|

WBS No: 1HAH2010  
Activity ID: 1HAH201001

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1HAH  
Activity Filter \*

|         |                    |         |                           |       |                                |        |           |         |
|---------|--------------------|---------|---------------------------|-------|--------------------------------|--------|-----------|---------|
| 750     | STRAIGHT TIME BASE | S020    | ENVIRONMENTAL SCIENTISTS  | K267S | Analytical Laboratory Services | Linear | 350.00    | Hours   |
| Factors | 350                | hours   |                           |       |                                |        |           |         |
| A59     | DYNCORP I&ET       | P060    | COMPUTER SYSTEMS ANALYSTS | K267S | Analytical Laboratory Services | Linear | 40,000.00 | Dollars |
| Factors | 40000              | Dollars |                           |       |                                |        |           |         |

**Line Item SYS - Contingency And Escalation**

BOE

|           |                         |             |       |      |            |               |        |          |         |
|-----------|-------------------------|-------------|-------|------|------------|---------------|--------|----------|---------|
| Resources | Cost Element            |             | Skill |      | Department |               | Curve  | Quantity | Units   |
|           | CON                     | CONTINGENCY | 0000  | NONE | ZDEPT      | No Department | Linear | 1.806.59 | Dollars |
|           | Factors 1806.59 Dollars |             |       |      |            |               |        |          |         |
|           | ESC                     | ESCALATION  | 0000  | NONE | ZDEPT      | No Department | Linear | 1.191.90 | Dollars |
|           | Factors 1191.9 Dollars  |             |       |      |            |               |        |          |         |

Activity ID: 1HAH201002 Description: SWD Database

Cost Risk 2 Schedule Risk 2

| Line Item                      | Description                | Quantity | Units | BOE Type | Labor Hours/Unit | Labor Hours Total | Labor Cost Total | Materials/ Sub Cost | Contingency & Escalation | Total Prime Cost | Burden Cost | Total Cost |
|--------------------------------|----------------------------|----------|-------|----------|------------------|-------------------|------------------|---------------------|--------------------------|------------------|-------------|------------|
| SWD DQ                         | SWD Data Quality           | 1.00     | each  | EE       | 350              | 350               | 11,295           | 20,000              | 0                        | 31,295           | 3,987       | 35,281     |
| SYS                            | Contingency And Escalation | 1.00     | ea    | EE       | 0                | 0                 | 0                | 0                   | 5,260                    | 5,260            | 0           | 5,260      |
| Total for Activity 1HAH201002: |                            |          |       |          |                  | 350               | 11,295           | 20,000              | 5,260                    | 36,554           | 3,987       | 40,541     |

**Line Item SWD DQ - SWD Data Quality**

BOE  
Estimators Experience - Marian Carr - 20 years environmental data experience, 3 years environmental data management experience at RFETS, manage current (FY00) data cleanup activiteis for SWD.  
Experience Item Desc - Data managemenet, review and correction activities  
Breakdown of Cost Data:  
Item - Onsite labor and subcontractor support  
Units - ea  
Unit Cost - onsite labor rates for 350 hrs. Programming support at Fixed unit rate for Dyn I&ET support.  
Unit Cost Adjustment factor -  
Revised Unit Cost -  
Basis for adjustment -

|           |              |                    |         |       |                           |            |       |                                |          |        |           |         |
|-----------|--------------|--------------------|---------|-------|---------------------------|------------|-------|--------------------------------|----------|--------|-----------|---------|
| Resources | Cost Element |                    |         | Skill |                           | Department |       | Curve                          | Quantity | Units  |           |         |
|           | 750          | STRAIGHT TIME BASE |         | S020  | ENVIRONMENTAL SCIENTISTS  |            | K267S | Analytical Laboratory Services |          | Linear | 350.00    | Hours   |
|           | Factors      | 350                | hours   |       |                           |            |       |                                |          |        |           |         |
|           | A59          | DYNCORP I&ET       |         | P060  | COMPUTER SYSTEMS ANALYSTS |            | K267S | Analytical Laboratory Services |          | Linear | 20,000.00 | Dollars |
|           | Factors      | 40000              | Dollars | 0.5   | Management cut            |            |       |                                |          |        |           |         |

**Line Item SYS - Contingency And Escalation**

BOE

|           |                         |             |       |      |            |               |        |          |         |
|-----------|-------------------------|-------------|-------|------|------------|---------------|--------|----------|---------|
| Resources | Cost Element            |             | Skill |      | Department |               | Curve  | Quantity | Units   |
|           | CON                     | CONTINGENCY | 0000  | NONE | ZDEPT      | No Department | Linear | 3,610.95 | Dollars |
|           | Factors 3610.95 Dollars |             |       |      |            |               |        |          |         |
|           | ESC                     | ESCALATION  | 0000  | NONE | ZDEPT      | No Department | Linear | 1,648.75 | Dollars |
|           | Factors 1648.75 Dollars |             |       |      |            |               |        |          |         |

Activity ID: 1HAH201003 Description: SWD Database

Cost Risk 2 Schedule Risk 2

| Line Item                      | Description                | Quantity | Units | BOE Type | Labor Hours/Unit | Labor Hours Total | Labor Cost Total | Materials/ Sub Cost | Contingency & Escalation | Total Prime Cost | Burden Cost | Total Cost |
|--------------------------------|----------------------------|----------|-------|----------|------------------|-------------------|------------------|---------------------|--------------------------|------------------|-------------|------------|
| SWD DQ                         | SWD Data Quality           | 1.00     | each  | EE       | 350              | 350               | 11,295           | 20,000              | 0                        | 31,295           | 3,908       | 35,202     |
| SYS                            | Contingency And Escalation | 1.00     | ea    | EE       | 0                | 0                 | 0                | 0                   | 9,735                    | 9,735            | 0           | 9,735      |
| Total for Activity 1HAH201003: |                            |          |       |          |                  | 350               | 11,295           | 20,000              | 9,735                    | 41,030           | 3,908       | 44,938     |

**Line Item SWD DQ - SWD Data Quality**

BOE  
Estimators Experience - Marian Carr - 20 years environmental data experience, 3 years environmental data management experience at RFETS, manage current (FY00) data cleanup activiteis for SWD.  
Experience Item Desc - Data managemenet, review and correction activities  
Breakdown of Cost Data:  
Item - Onsite labor and subcontractor support  
Units - ea

WBS No: 1HAH2010  
Activity ID: 1HAH201003

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1HAH  
Activity Filter \*

Starts In FY \*

Unit Cost - onsite labor rates for 350 hrs. Programming support at Fixed unit rate for Dyn I&ET support.  
Unit Cost Adjustment factor -  
Revised Unit Cost -  
Basis for adjustment -

| Resources |                    | Cost Element | Skill                     | Department | Curve                          | Quantity | Units             |
|-----------|--------------------|--------------|---------------------------|------------|--------------------------------|----------|-------------------|
| 750       | STRAIGHT TIME BASE | S020         | ENVIRONMENTAL SCIENTISTS  | K267S      | Analvtical Laboratory Services | Linear   | 350.00 Hours      |
| Factors   |                    | 350          | hours                     |            |                                |          |                   |
| A59       | DYNCORP I&ET       | P060         | COMPUTER SYSTEMS ANALYSTS | K267S      | Analvtical Laboratory Services | Linear   | 20.000.00 Dollars |
| Factors   |                    | 40000        | Dollars                   | 0.5        | Management cut                 |          |                   |

**Line Item SYS - Contingency And Escalation**

| Resources |             | Cost Element | Skill   | Department | Curve         | Quantity | Units            |
|-----------|-------------|--------------|---------|------------|---------------|----------|------------------|
| CON       | CONTINGENCY | 0000         | NONE    | ZDEPT      | No Department | Linear   | 7.035.82 Dollars |
| Factors   |             | 7035.82      | Dollars |            |               |          |                  |
| ESC       | ESCALATION  | 0000         | NONE    | ZDEPT      | No Department | Linear   | 2.699.51 Dollars |
| Factors   |             | 2699.51      | Dollars |            |               |          |                  |

Activity ID: 1HAH201004 Description: SWD Database

Cost Risk 2 Schedule Risk 2

| Line Item                      | Description                | Quantity | Units | BOE Type | Labor Hours/Unit | Labor Hours Total | Labor Cost Total | Materials/ Sub Cost | Contingency & Escalation | Total Prime Cost | Burden Cost | Total Cost |
|--------------------------------|----------------------------|----------|-------|----------|------------------|-------------------|------------------|---------------------|--------------------------|------------------|-------------|------------|
| SWD DQ                         | SWD Data Quality           | 1.00     | each  | EE       | 263              | 263               | 8.471            | 20.000              | 0                        | 28.471           | 2.389       | 30.860     |
| SYS                            | Contingency And Escalation | 1.00     | ea    | EE       | 0                | 0                 | 0                | 0                   | 4.398                    | 4.398            | 0           | 4.398      |
| Total for Activity 1HAH201004: |                            |          |       |          |                  | 263               | 8.471            | 20.000              | 4.398                    | 32.869           | 2.389       | 35.258     |

**Line Item SWD DQ - SWD Data Quality**

**BOE** Estimators Experience - Marian Carr - 20 years environmental data experience, 3 years environmental data management experience at RFETS, manage current (FY00) data cleanup activiteis for SWD.  
Experience Item Desc - Data managemenet, review and correction activities  
Breakdown of Cost Data:  
Item - Onsite labor and subcontractor support  
Units - ea  
Unit Cost - onsite labor rates for 350 hrs. Programming support at Fixed unit rate for Dyn I&ET support.  
Unit Cost Adjustment factor -  
Revised Unit Cost -  
Basis for adjustment -

| Resources |                    | Cost Element | Skill                     | Department | Curve                          | Quantity | Units             |
|-----------|--------------------|--------------|---------------------------|------------|--------------------------------|----------|-------------------|
| 750       | STRAIGHT TIME BASE | S020         | ENVIRONMENTAL SCIENTISTS  | K267S      | Analvtical Laboratory Services | Linear   | 262.50 Hours      |
| Factors   |                    | 350          | hours                     | 0.75       | Management cut                 |          |                   |
| A59       | DYNCORP I&ET       | P060         | COMPUTER SYSTEMS ANALYSTS | K267S      | Analvtical Laboratory Services | Linear   | 20.000.00 Dollars |
| Factors   |                    | 40000        | Dollars                   | 0.5        | Management cut                 |          |                   |

**Line Item SYS - Contingency And Escalation**

| Resources |             | Cost Element | Skill   | Department | Curve         | Quantity | Units            |
|-----------|-------------|--------------|---------|------------|---------------|----------|------------------|
| CON       | CONTINGENCY | 0000         | NONE    | ZDEPT      | No Department | Linear   | 1.434.92 Dollars |
| Factors   |             | 1434.92      | Dollars |            |               |          |                  |
| ESC       | ESCALATION  | 0000         | NONE    | ZDEPT      | No Department | Linear   | 2.963.03 Dollars |
| Factors   |             | 2963.03      | Dollars |            |               |          |                  |

Activity ID: 1HAH201005 Description: SWD Database

Cost Risk 2 Schedule Risk 2

| Line Item                      | Description                | Quantity | Units | BOE Type | Labor Hours/Unit | Labor Hours Total | Labor Cost Total | Materials/ Sub Cost | Contingency & Escalation | Total Prime Cost | Burden Cost | Total Cost |
|--------------------------------|----------------------------|----------|-------|----------|------------------|-------------------|------------------|---------------------|--------------------------|------------------|-------------|------------|
| SWD DQ                         | SWD Data Quality           | 1.00     | each  | EE       | 263              | 263               | 8.471            | 20.000              | 0                        | 28.471           | 2.948       | 31.419     |
| SYS                            | Contingency And Escalation | 1.00     | ea    | EE       | 0                | 0                 | 0                | 0                   | 16.765                   | 16.765           | 0           | 16.765     |
| Total for Activity 1HAH201005: |                            |          |       |          |                  | 263               | 8.471            | 20.000              | 16.765                   | 45.236           | 2.948       | 48.183     |

**Line Item SWD DQ - SWD Data Quality**

**BOE** Estimators Experience - Marian Carr - 20 years environmental data experience, 3 years environmental data management experience at RFETS, manage current

WBS No: 1HAH2010  
Activity ID: 1HAH201005

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1HAH  
Activity Filter \*

Starts In FY \*

(FY00) data cleanup activiteis for SWD.  
Experience Item Desc - Data managemenet, review and correction activities  
Breakdown of Cost Data:  
Item - Onsite labor and subcontractor support  
Units - ea  
Unit Cost - onsite labor rates for 350 hrs. Programming support at Fixed unit rate for Dyn I&ET support.  
Unit Cost Adjustment factor -  
Revised Unit Cost -  
Basis for adjustment -

| Resources |                    | Cost Element | Skill |                           | Department     |                                | Curve  | Quantity  | Units   |
|-----------|--------------------|--------------|-------|---------------------------|----------------|--------------------------------|--------|-----------|---------|
| 750       | STRAIGHT TIME BASE |              | S020  | ENVIRONMENTAL SCIENTISTS  | K267S          | Analvtical Laboratory Services | Linear | 262.50    | Hours   |
| Factors   | 350                | hours        |       | 0.75                      | Management cut |                                |        |           |         |
| A59       | DYNCORP I&ET       |              | P060  | COMPUTER SYSTEMS ANALYSTS | K267S          | Analvtical Laboratory Services | Linear | 20.000.00 | Dollars |
| Factors   | 40000              | Dollars      |       | 0.5                       | Management cut |                                |        |           |         |

**Line Item SYS - Contingency And Escalation**

| Resources |             | Cost Element | Skill |      | Department |               | Curve  | Quantity  | Units   |
|-----------|-------------|--------------|-------|------|------------|---------------|--------|-----------|---------|
| CON       | CONTINGENCY |              | 0000  | NONE | ZDEPT      | No Department | Linear | 11.897.44 | Dollars |
| Factors   | 11897.4     | Dollars      |       |      |            |               |        |           |         |
| ESC       | ESCALATION  |              | 0000  | NONE | ZDEPT      | No Department | Linear | 4.867.25  | Dollars |
| Factors   | 4867.25     | Dollars      |       |      |            |               |        |           |         |

Activity ID: 1HAH201006 Description: SWD Database

Cost Risk 2 Schedule Risk 2

| Line Item                      | Description                | Quantity | Units | BOE Type | Labor Hours/Unit | Labor Hours Total | Labor Cost Total | Materials/ Sub Cost | Contingency & Escalation | Total Prime Cost | Burden Cost | Total Cost |
|--------------------------------|----------------------------|----------|-------|----------|------------------|-------------------|------------------|---------------------|--------------------------|------------------|-------------|------------|
| SWD DQ                         | SWD Data Quality           | 1.00     | each  | EE       | 263              | 263               | 8,471            | 0                   | 0                        | 8,471            | 10,546      | 19,017     |
| SYS                            | Contingency And Escalation | 1.00     | ea    | EE       | 0                | 0                 | 0                | 0                   | 7,465                    | 7,465            | 0           | 7,465      |
| Total for Activity 1HAH201006: |                            |          |       |          |                  | 263               | 8,471            | 0                   | 7,465                    | 15,936           | 10,546      | 26,483     |

**Line Item SWD DQ - SWD Data Quality**

BOE  
Estimators Experience - Marian Carr - 20 years environmental data experience, 3 years environmental data management experience at RFETS, manage current (FY00) data cleanup activiteis for SWD.  
Experience Item Desc - Data managemenet, review and correction activities  
Breakdown of Cost Data:  
Item - Onsite labor and subcontractor support  
Units - ea  
Unit Cost - onsite labor rates for 350 hrs. Programming support at Fixed unit rate for Dyn I&ET support.  
Unit Cost Adjustment factor -  
Revised Unit Cost -  
Basis for adjustment -

| Resources |                    | Cost Element | Skill |                          | Department     |                                | Curve  | Quantity | Units |
|-----------|--------------------|--------------|-------|--------------------------|----------------|--------------------------------|--------|----------|-------|
| 750       | STRAIGHT TIME BASE |              | S020  | ENVIRONMENTAL SCIENTISTS | K267S          | Analvtical Laboratory Services | Linear | 262.50   | Hours |
| Factors   | 350                | hours        |       | 0.75                     | Management cut |                                |        |          |       |

**Line Item SYS - Contingency And Escalation**

| Resources |             | Cost Element | Skill |      | Department |               | Curve  | Quantity | Units   |
|-----------|-------------|--------------|-------|------|------------|---------------|--------|----------|---------|
| CON       | CONTINGENCY |              | 0000  | NONE | ZDEPT      | No Department | Linear | 3,917.91 | Dollars |
| Factors   | 3917.91     | Dollars      |       |      |            |               |        |          |         |
| ESC       | ESCALATION  |              | 0000  | NONE | ZDEPT      | No Department | Linear | 3,547.31 | Dollars |
| Factors   | 3547.31     | Dollars      |       |      |            |               |        |          |         |

Activity ID: 1HAH201011 Description: GIS Database

Cost Risk 1 Schedule Risk 1

| Line Item | Description                | Quantity | Units | BOE Type | Labor Hours/Unit | Labor Hours Total | Labor Cost Total | Materials/ Sub Cost | Contingency & Escalation | Total Prime Cost | Burden Cost | Total Cost |
|-----------|----------------------------|----------|-------|----------|------------------|-------------------|------------------|---------------------|--------------------------|------------------|-------------|------------|
| GIS DM    | GIS Data Management        | 1.00     | each  | VQ       | 0                | 0                 | 0                | 48,969              | 0                        | 48,969           | 0           | 48,969     |
| GIS O&M   | GIS Operations/Maintenance | 1.00     | each  | VQ       | 0                | 0                 | 0                | 92,073              | 0                        | 92,073           | 0           | 92,073     |
| GIS Web   | GIS Internet Web Server    | 1.00     | each  | VQ       | 0                | 0                 | 0                | 27,511              | 0                        | 27,511           | 0           | 27,511     |



WBS No: 1HAH2010  
Activity ID: 1HAH201011

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1HAH  
Activity Filter \* Starts In FY \*

|                                |                            |      |    |    |   |   |   |         |       |         |   |         |
|--------------------------------|----------------------------|------|----|----|---|---|---|---------|-------|---------|---|---------|
| SYS                            | Contingency And Escalation | 1.00 | ea | EE | 0 | 0 | 0 | 0       | 8.916 | 8.916   | 0 | 8.916   |
| Total for Activity 1HAH201011: |                            |      |    |    |   | 0 | 0 | 168.553 | 8.916 | 177.469 | 0 | 177.469 |

**Line Item GIS DM - GIS Data Management**

|     |  |  |  |  |  |  |  |  |  |  |  |  |
|-----|--|--|--|--|--|--|--|--|--|--|--|--|
| BOE | Vendor Name - Destiny Resources<br>Vendor Quote - 2500 hrs @\$68/hr<br>Quote Received by - M. Carr<br>Date Received - 4/15/00<br>Item being quoted - GIS Management, data management and web site installation and maintenance<br>Other Info - separate quote for software upgrades<br>Availability - now<br><br>This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions. |  |  |  |  |  |  |  |  |  |  |  |
|-----|--|--|--|--|--|--|--|--|--|--|--|--|

| Resources | Cost Element |                    |       | Skill   |                           | Department |                                | Curve | Quantity | Units     |         |
|-----------|--------------|--------------------|-------|---------|---------------------------|------------|--------------------------------|-------|----------|-----------|---------|
|           | A5H          | SUBCONTRACTED SRVS |       | P060    | COMPUTER SYSTEMS ANALYSTS | K267S      | Analytical Laboratory Services |       | Linear   | 48.968.80 | Dollars |
|           | Factors      |                    | 60520 | Dollars |                           |            |                                |       |          |           |         |

0.80913 [SYS 061400] .80704 - Svsstem

**Line Item GIS O&M - GIS Operations/Maintenance**

|     |  |  |  |  |  |  |  |  |  |  |  |  |
|-----|--|--|--|--|--|--|--|--|--|--|--|--|
| BOE | Vendor Name - Destiny Resources<br>Vendor Quote - 2500 hrs @\$68/hr<br>Quote Received by - M. Carr<br>Date Received - 4/15/00<br>Item being quoted - GIS Management, data management and web site installation and maintenance<br>Other Info - separate quote for software upgrades<br>Availability - now<br><br>This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions. |  |  |  |  |  |  |  |  |  |  |  |
|-----|--|--|--|--|--|--|--|--|--|--|--|--|

| Resources | Cost Element |                    |          | Skill |                           | Department |                                | Curve | Quantity    | Units     |         |
|-----------|--------------|--------------------|----------|-------|---------------------------|------------|--------------------------------|-------|-------------|-----------|---------|
|           | A5C          | SUPPLIES           |          | 0000  | NONE                      | K267S      | Analytical Laboratory Services |       | Back Loaded | 27.000.00 | Dollars |
|           | Factors      | 27000              | Lump Sum |       |                           |            |                                |       |             |           |         |
|           | A5C          | SUPPLIES           |          | 0000  | NONE                      | K267S      | Analytical Laboratory Services |       | Bell Shaped | 4.000.00  | Dollars |
|           | Factors      | 4000               | Dollars  |       |                           |            |                                |       |             |           |         |
|           | A5H          | SUBCONTRACTED SRVS |          | P060  | COMPUTER SYSTEMS ANALYSTS | K267S      | Analytical Laboratory Services |       | Linear      | 61.073.45 | Dollars |
|           | Factors      | 1                  | Lump Sum |       | 75480                     |            |                                |       |             |           |         |

0.80913 [SYS 061400] .80704 - System

**Line Item GIS Web - GIS Internet Web Server**

|     |  |  |  |  |  |  |  |  |  |  |  |  |
|-----|--|--|--|--|--|--|--|--|--|--|--|--|
| BOE | Vendor Name - Destiny Resources<br>Vendor Quote - 2500 hrs @\$68/hr<br>Quote Received by - M. Carr<br>Date Received - 4/15/00<br>Item being quoted - GIS Management, data management and web site installation and maintenance<br>Other Info - separate quote for software upgrades<br>Availability - now<br><br>This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions. |  |  |  |  |  |  |  |  |  |  |  |
|-----|--|--|--|--|--|--|--|--|--|--|--|--|

| Resources | Cost Element |                    |         | Skill |                           | Department |                                | Curve  | Quantity  | Units   |
|-----------|--------------|--------------------|---------|-------|---------------------------|------------|--------------------------------|--------|-----------|---------|
|           | A5H          | SUBCONTRACTED SRVS |         | P060  | COMPUTER SYSTEMS ANALYSTS | K267S      | Analvtical Laboratory Services | Linear | 27.510.56 | Dollars |
|           | Factors      | 34000              | dollars |       |                           |            |                                |        |           |         |

0.80913 [SYS 061400] .80704 - Svsstem

**Line Item SYS - Contingency And Escalation**

BOE

| Resources | <i>Cost Element</i>            |             | <i>Skill</i> |      | <i>Department</i> |               | <i>Curve</i> | <i>Quantity</i> | <i>Units</i> |
|-----------|--------------------------------|-------------|--------------|------|-------------------|---------------|--------------|-----------------|--------------|
|           | CON                            | CONTINGENCY | 0000         | NONE | ZDEPT             | No Department | Linear       | 5.372.19        | Dollars      |
|           | <i>Factors</i> 5372.19 Dollars |             |              |      |                   |               |              |                 |              |
|           | ESC                            | ESCALATION  | 0000         | NONE | ZDEPT             | No Department | Linear       | 3.544.29        | Dollars      |
|           | <i>Factors</i> 3544.29 Dollars |             |              |      |                   |               |              |                 |              |

WBS No: 1HAH2010  
Activity ID: 1HAH201012

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1HAH  
Activity Filter \*  
Cost Risk 1 Schedule Risk 1  
Starts In FY \*

Activity ID: 1HAH201012 Description: GIS Database

| Line Item                      | Description                | Quantity | Units | BOE Type | Labor Hours/Unit | Labor Hours Total | Labor Cost Total | Materials/ Sub Cost | Contingency & Escalation | Total Prime Cost | Burden Cost | Total Cost |
|--------------------------------|----------------------------|----------|-------|----------|------------------|-------------------|------------------|---------------------|--------------------------|------------------|-------------|------------|
| GIS DM                         | GIS Data Management        | 1.00     | each  | VQ       | 0                | 0                 | 0                | 48.969              | 0                        | 48.969           | 0           | 48.969     |
| GIS O&M                        | GIS Operations/Maintenance | 1.00     | each  | VQ       | 0                | 0                 | 0                | 71.773              | 0                        | 71.773           | 0           | 71.773     |
| GIS Web                        | GIS Internet Web Server    | 1.00     | each  | VQ       | 0                | 0                 | 0                | 11.279              | 0                        | 11.279           | 0           | 11.279     |
| SYS                            | Contingency And Escalation | 1.00     | ea    | EE       | 0                | 0                 | 0                | 0                   | 19.682                   | 19.682           | 0           | 19.682     |
| Total for Activity 1HAH201012: |                            |          |       |          |                  | 0                 | 0                | 132.022             | 19.682                   | 151.703          | 0           | 151.703    |

**Line Item GIS DM - GIS Data Management**

|            |  |  |  |  |  |  |  |  |  |  |  |  |
|------------|--|--|--|--|--|--|--|--|--|--|--|--|
| <b>BOE</b> |  | Destiny Resources<br>Vendor Quote - 2500 hrs @\$68/hr<br>Quote Received by - M. Carr<br>Date Received - 4/15/00<br>Item being quoted - GIS Management, data management and web site installation and maintenance<br>Other Info - separate quote for software upgrades<br>Availability - now<br><br>This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions. |  |  |  |  |  |  |  |  |  |  |
|------------|--|--|--|--|--|--|--|--|--|--|--|--|

| Resources |                    | Cost Element | Skill                     | Department | Curve                          | Quantity | Units            |
|-----------|--------------------|--------------|---------------------------|------------|--------------------------------|----------|------------------|
| A5H       | SUBCONTRACTED SRVS | P060         | COMPUTER SYSTEMS ANALYSTS | K267S      | Analytical Laboratory Services | Linear   | 48.968.80Dollars |
| Factors   |                    | 60520        | Dollars                   |            |                                |          |                  |

0.80913 [SYS 061400] .80704 - Svsstem

**Line Item GIS O&M - GIS Operations/Maintenance**

|            |  |  |  |  |  |  |  |  |  |  |  |  |
|------------|--|--|--|--|--|--|--|--|--|--|--|--|
| <b>BOE</b> |  | Vendor Name - Destiny Resources<br>Vendor Quote - 2500 hrs @\$68/hr<br>Quote Received by - M. Carr<br>Date Received - 4/15/00<br>Item being quoted - GIS Management, data management and web site installation and maintenance<br>Other Info - separate quote for software upgrades<br>Availability - now<br><br>This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions. |  |  |  |  |  |  |  |  |  |  |
|------------|--|--|--|--|--|--|--|--|--|--|--|--|

| Resources |                    | Cost Element | Skill                     | Department | Curve                          | Quantity    | Units            |
|-----------|--------------------|--------------|---------------------------|------------|--------------------------------|-------------|------------------|
| A5C       | SUPPLIES           | 0000         | NONE                      | K267S      | Analytical Laboratory Services | Back Loaded | 6.700.00Dollars  |
| Factors   |                    | 6700         | Lump Sum                  |            |                                |             |                  |
| A5C       | SUPPLIES           | 0000         | NONE                      | K267S      | Analytical Laboratory Services | Bell Shaped | 4.000.00Dollars  |
| Factors   |                    | 4000         | Dollars                   |            |                                |             |                  |
| A5H       | SUBCONTRACTED SRVS | P060         | COMPUTER SYSTEMS ANALYSTS | K267S      | Analytical Laboratory Services | Linear      | 61.073.45Dollars |
| Factors   |                    | 75480        | Dollars                   |            |                                |             |                  |

0.80913 [SYS 061400] .80704 - System

**Line Item GIS Web - GIS Internet Web Server**

|            |  |  |  |  |  |  |  |  |  |  |  |  |
|------------|--|--|--|--|--|--|--|--|--|--|--|--|
| <b>BOE</b> |  | Vendor Name - Destiny Resources<br>Vendor Quote - 2500 hrs @\$68/hr<br>Quote Received by - M. Carr<br>Date Received - 4/15/00<br>Item being quoted - GIS Management, data management and web site installation and maintenance<br>Other Info - separate quote for software upgrades<br>Availability - now<br><br>This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions. |  |  |  |  |  |  |  |  |  |  |
|------------|--|--|--|--|--|--|--|--|--|--|--|--|

| Resources |                    | Cost Element | Skill                     | Department | Curve                          | Quantity | Units            |
|-----------|--------------------|--------------|---------------------------|------------|--------------------------------|----------|------------------|
| A5H       | SUBCONTRACTED SRVS | P060         | COMPUTER SYSTEMS ANALYSTS | K267S      | Analytical Laboratory Services | Linear   | 11.279.33Dollars |
| Factors   |                    | 13940        | dollars                   |            |                                |          |                  |

0.80913 [SYS 061400] .80704 - System

WBS No: 1HAH2010  
Activity ID: 1HAH201012

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1HAH  
Activity Filter \*

Starts In FY \*

**Line Item SYS - Contingency And Escalation**

**BOE**

| Resources | Cost Element            |             | Skill |      | Department |               | Curve  | Quantity  | Units   |
|-----------|-------------------------|-------------|-------|------|------------|---------------|--------|-----------|---------|
|           | CON                     | CONTINGENCY | 0000  | NONE | ZDEPT      | No Department | Linear | 13.512.00 | Dollars |
|           | Factors 13512 Dollars   |             |       |      |            |               |        |           |         |
|           | ESC                     | ESCALATION  | 0000  | NONE | ZDEPT      | No Department | Linear | 6.169.56  | Dollars |
|           | Factors 6169.56 Dollars |             |       |      |            |               |        |           |         |

Activity ID: 1HAH201013 Description: GIS Database

Cost Risk 1 Schedule Risk 1

| Line Item                      | Description                | Quantity | Units | BOE Type | Labor Hours/Unit | Labor Hours Total | Labor Cost Total | Materials/ Sub Cost | Contingency & Escalation | Total Prime Cost | Burden Cost | Total Cost |
|--------------------------------|----------------------------|----------|-------|----------|------------------|-------------------|------------------|---------------------|--------------------------|------------------|-------------|------------|
| GIS DM                         | GIS Data Management        | 1.00     | each  | VQ       | 0                | 0                 | 0                | 44.072              | 0                        | 44.072           | 0           | 44.072     |
| GIS O&M                        | GIS Operations/Maintenance | 1.00     | each  | VQ       | 0                | 0                 | 0                | 82.912              | 0                        | 82.912           | 0           | 82.912     |
| GIS Web                        | GIS Internet Web Server    | 1.00     | each  | VQ       | 0                | 0                 | 0                | 3.191               | 0                        | 3.191            | 0           | 3.191      |
| SYS                            | Contingency And Escalation | 1.00     | lea   | EE       | 0                | 0                 | 0                | 0                   | 36.000                   | 36.000           | 0           | 36.000     |
| Total for Activity 1HAH201013: |                            |          |       |          |                  | 0                 | 0                | 130.176             | 36.000                   | 166.176          | 0           | 166.176    |

**Line Item GIS DM - GIS Data Management**

**BOE**

Destiny Resources  
Vendor Quote - 2500 hrs @\$68/hr  
Quote Received by - M. Carr  
Date Received - 4/15/00  
Item being quoted - GIS Management, data management and web site installation and maintenance  
Other Info - separate quote for software upgrades  
Availability - now  
  
This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

| Resources | Cost Element |                    | Skill |                           | Department |                                | Curve  | Quantity  | Units   |
|-----------|--------------|--------------------|-------|---------------------------|------------|--------------------------------|--------|-----------|---------|
|           | A5H          | SUBCONTRACTED SRVS | P060  | COMPUTER SYSTEMS ANALYSTS | K267S      | Analytical Laboratory Services | Linear | 44.071.92 | Dollars |
|           | Factors      | 60520 Dollars      | 0.9   | MNAGEMENT CUT             |            |                                |        |           |         |

0.80913 [SYS 061400] .80704 - Ssystem

**Line Item GIS O&M - GIS Operations/Maintenance**

**BOE**

Vendor Name - Destiny Resources  
Vendor Quote - 2500 hrs @\$68/hr  
Quote Received by - M. Carr  
Date Received - 4/15/00  
Item being quoted - GIS Management, data management and web site installation and maintenance  
Other Info - separate quote for software upgrades  
Availability - now  
  
This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

| Resources | Cost Element |                    |               | Skill |                           | Department |                                | Curve | Quantity    | Units             |
|-----------|--------------|--------------------|---------------|-------|---------------------------|------------|--------------------------------|-------|-------------|-------------------|
|           | A5C          | SUPPLIES           |               | 0000  | NONE                      | K267S      | Analytical Laboratory Services |       | Back Loaded | 27.000.00 Dollars |
|           | Factors      |                    | 27000 Dollars |       |                           |            |                                |       |             |                   |
|           | A5C          | SUPPLIES           |               | 0000  | NONE                      | K267S      | Analytical Laboratory Services |       | Bell Shaped | 4.000.00 Dollars  |
|           | Factors      |                    | 4000 Dollars  |       |                           |            |                                |       |             |                   |
|           | A5H          | SUBCONTRACTED SRVS |               | P060  | COMPUTER SYSTEMS ANALYSTS | K267S      | Analytical Laboratory Services |       | Linear      | 51.912.44 Dollars |
|           | Factors      |                    | 75480 Dollars |       | 0.85 Management cut       |            |                                |       |             |                   |

0.80913 [SYS 061400] .80704 - Ssystem

**Line Item GIS Web - GIS Internet Web Server**

**BOE**

Vendor Name - Destiny Resources  
Vendor Quote - 2500 hrs @\$68/hr  
Quote Received by - M. Carr  
Date Received - 4/15/00  
Item being quoted - GIS Management, data management and web site installation and maintenance  
Other Info - separate quote for software upgrades  
Availability - now

WBS No: 1HAH2010  
Activity ID: 1HAH201013

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1HAH  
Activity Filter \* Starts In FY \*

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

| Resources |                    | Cost Element | Skill                     | Department | Curve                          | Quantity | Units    |
|-----------|--------------------|--------------|---------------------------|------------|--------------------------------|----------|----------|
| A5H       | SUBCONTRACTED SRVS | P060         | COMPUTER SYSTEMS ANALYSTS | K267S      | Analytical Laboratory Services | Linear   | 3.191.23 |
| Factors   |                    | 3944         | dollars                   |            |                                |          |          |

0.80913 [SYS 061400] .80704 - System

**Line Item SYS - Contingency And Escalation**

| Resources |             | Cost Element | Skill   | Department | Curve         | Quantity | Units     |
|-----------|-------------|--------------|---------|------------|---------------|----------|-----------|
| CON       | CONTINGENCY | 0000         | NONE    | ZDEPT      | No Department | Linear   | 26.017.90 |
| Factors   |             | 26017.9      | Dollars |            |               |          |           |
| ESC       | ESCALATION  | 0000         | NONE    | ZDEPT      | No Department | Linear   | 9.982.55  |
| Factors   |             | 9982.55      | Dollars |            |               |          |           |

Activity ID: 1HAH201014 Description: GIS Database

Cost Risk 1 Schedule Risk 1

| Line Item                      | Description                | Quantity | Units | BOE Type | Labor Hours/Unit | Labor Hours Total | Labor Cost Total | Materials/ Sub Cost | Contingency & Escalation | Total Prime Cost | Burden Cost | Total Cost |
|--------------------------------|----------------------------|----------|-------|----------|------------------|-------------------|------------------|---------------------|--------------------------|------------------|-------------|------------|
| GIS DM                         | GIS Data Management        | 1.00     | each  | VQ       | 0                | 0                 | 0                | 44.072              | 0                        | 44.072           | 0           | 44.072     |
| GIS O&M                        | GIS Operations/Maintenance | 1.00     | each  | VQ       | 0                | 0                 | 0                | 82.912              | 0                        | 82.912           | 0           | 82.912     |
| GIS Web                        | GIS Internet Web Server    | 1.00     | each  | VQ       | 0                | 0                 | 0                | 3.191               | 0                        | 3.191            | 0           | 3.191      |
| SYS                            | Contingency And Escalation | 1.00     | ea    | EE       | 0                | 0                 | 0                | 0                   | 18.552                   | 18.552           | 0           | 18.552     |
| Total for Activity 1HAH201014: |                            |          |       |          |                  | 0                 | 0                | 130.176             | 18.552                   | 148.727          | 0           | 148.727    |

**Line Item GIS DM - GIS Data Management**

| Resources |                    | Cost Element | Skill                     | Department | Curve                          | Quantity | Units     |
|-----------|--------------------|--------------|---------------------------|------------|--------------------------------|----------|-----------|
| A5H       | SUBCONTRACTED SRVS | P060         | COMPUTER SYSTEMS ANALYSTS | K267S      | Analytical Laboratory Services | Linear   | 44.071.92 |
| Factors   |                    | 60520        | Dollars                   | 0.9        | Management cut                 |          |           |

0.80913 [SYS 061400] .80704 - System

**Line Item GIS O&M - GIS Operations/Maintenance**

| Resources |                    | Cost Element | Skill                     | Department | Curve                          | Quantity    | Units     |
|-----------|--------------------|--------------|---------------------------|------------|--------------------------------|-------------|-----------|
| A5C       | SUPPLIES           | 0000         | NONE                      | K267S      | Analytical Laboratory Services | Back Loaded | 27.000.00 |
| Factors   |                    | 27000        | Dollars                   |            |                                |             |           |
| A5C       | SUPPLIES           | 0000         | NONE                      | K267S      | Analytical Laboratory Services | Bell Shaped | 4.000.00  |
| Factors   |                    | 4000         | Dollars                   |            |                                |             |           |
| A5H       | SUBCONTRACTED SRVS | P060         | COMPUTER SYSTEMS ANALYSTS | K267S      | Analytical Laboratory Services | Linear      | 51.912.44 |
| Factors   |                    | 75480        | Dollars                   | 0.85       | Management cut                 |             |           |

0.80913 [SYS 061400] .80704 - System

WBS No: 1HAH2010  
Activity ID: 1HAH201014

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1HAH  
Activity Filter \*

Starts In FY \*

**Line Item GIS Web - GIS Internet Web Server**

|     |  |  |  |  |  |  |  |  |  |  |  |  |
|-----|--|--|--|--|--|--|--|--|--|--|--|--|
| BOE | Vendor Name - Destiny Resources<br>Vendor Quote - 2500 hrs @\$68/hr<br>Quote Received by - M. Carr<br>Date Received - 4/15/00<br>Item being quoted - GIS Management, data management and web site installation and maintenance<br>Other Info - separate quote for software upgrades<br>Availability - now<br><br>This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions. |  |  |  |  |  |  |  |  |  |  |  |
|-----|--|--|--|--|--|--|--|--|--|--|--|--|

| Resources | Cost Element |                    | Skill   |                           | Department |                                | Curve  | Quantity | Units   |
|-----------|--------------|--------------------|---------|---------------------------|------------|--------------------------------|--------|----------|---------|
|           | A5H          | SUBCONTRACTED SRVS | P060    | COMPUTER SYSTEMS ANALYSTS | K267S      | Analytical Laboratory Services | Linear | 3.191.23 | Dollars |
|           | Factors      | 3944               | dollars |                           |            |                                |        |          |         |

0.80913 [SYS 061400] .80704 - Svsstem

**Line Item SYS - Contingency And Escalation**

|           |                         |             |  |       |      |            |               |        |           |         |
|-----------|-------------------------|-------------|--|-------|------|------------|---------------|--------|-----------|---------|
| BOE       |                         |             |  |       |      |            |               |        |           |         |
| Resources | Cost Element            |             |  | Skill |      | Department |               | Curve  | Quantity  | Units   |
|           | CON                     | CONTINGENCY |  | 0000  | NONE | ZDEPT      | No Department | Linear | 6.052.93  | Dollars |
|           | Factors 6052.93 Dollars |             |  |       |      |            |               |        |           |         |
|           | ESC                     | ESCALATION  |  | 0000  | NONE | ZDEPT      | No Department | Linear | 12.498.97 | Dollars |
|           | Factors 12499 Dollars   |             |  |       |      |            |               |        |           |         |

Activity ID: 1HAH201015 Description: GIS Database

Cost Risk 1 Schedule Risk 1

| Line Item                      | Description                | Quantity | Units | BOE Type | Labor Hours/Unit | Labor Hours Total | Labor Cost Total | Materials/ Sub Cost | Contingency & Escalation | Total Prime Cost | Burden Cost | Total Cost |
|--------------------------------|----------------------------|----------|-------|----------|------------------|-------------------|------------------|---------------------|--------------------------|------------------|-------------|------------|
| GIS DM                         | GIS Data Management        | 1.00     | each  | VQ       | 0                | 0                 | 0                | 48.969              | 0                        | 48.969           | 0           | 48.969     |
| GIS O&M                        | GIS Operations/Maintenance | 1.00     | each  | VQ       | 0                | 0                 | 0                | 62.312              | 0                        | 62.312           | 0           | 62.312     |
| GIS Web                        | GIS Internet Web Server    | 1.00     | each  | VQ       | 0                | 0                 | 0                | 9.629               | 0                        | 9.629            | 0           | 9.629      |
| SYS                            | Contingency And Escalation | 1.00     | ea    | EE       | 0                | 0                 | 0                | 0                   | 64.516                   | 64.516           | 0           | 64.516     |
| Total for Activity 1HAH201015: |                            |          |       |          |                  | 0                 | 0                | 120.910             | 64.516                   | 185.426          | 0           | 185.426    |

**Line Item GIS DM - GIS Data Management**

|     |  |  |  |  |  |  |  |  |  |  |  |  |
|-----|--|--|--|--|--|--|--|--|--|--|--|--|
| BOE | Destiny Resources<br>Vendor Quote - 2500 hrs @\$68/hr<br>Quote Received by - M. Carr<br>Date Received - 4/15/00<br>Item being quoted - GIS Management, data management and web site installation and maintenance<br>Other Info - separate quote for software upgrades<br>Availability - now<br><br>This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions. |  |  |  |  |  |  |  |  |  |  |  |
|-----|--|--|--|--|--|--|--|--|--|--|--|--|

| Resources | Cost Element |                    |         | Skill |                           | Department |                                | Curve  | Quantity  | Units   |
|-----------|--------------|--------------------|---------|-------|---------------------------|------------|--------------------------------|--------|-----------|---------|
|           | A5H          | SUBCONTRACTED SRVS |         | P060  | COMPUTER SYSTEMS ANALYSTS | K267S      | Analytical Laboratory Services | Linear | 48.968.80 | Dollars |
|           | Factors      | 60520              | Dollars |       |                           |            |                                |        |           |         |

0.80913 [SYS 061400] .80704 - Svsstem

**Line Item GIS O&M - GIS Operations/Maintenance**

|     |  |  |  |  |  |  |  |  |  |  |  |  |
|-----|--|--|--|--|--|--|--|--|--|--|--|--|
| BOE | Vendor Name - Destiny Resources<br>Vendor Quote - 2500 hrs @\$68/hr<br>Quote Received by - M. Carr<br>Date Received - 4/15/00<br>Item being quoted - GIS Management, data management and web site installation and maintenance<br>Other Info - separate quote for software upgrades<br>Availability - now<br><br>This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions. |  |  |  |  |  |  |  |  |  |  |  |
|-----|--|--|--|--|--|--|--|--|--|--|--|--|

| Resources |  | Cost Element | Skill | Department | Curve | Quantity | Units |
|-----------|--|--------------|-------|------------|-------|----------|-------|
|-----------|--|--------------|-------|------------|-------|----------|-------|

WBS No: 1HAH2010  
Activity ID: 1HAH201015

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project  
WBS Filter  
Activity Filter  
Baseline Devl  
1HAH  
\*

Starts In FY \*

|         |                    |         |                           |                |                                |             |           |         |
|---------|--------------------|---------|---------------------------|----------------|--------------------------------|-------------|-----------|---------|
| A5C     | SUPPLIES           | 0000    | NONE                      | K267S          | Analytical Laboratory Services | Back Loaded | 6,400.00  | Dollars |
| Factors | 6400               | Dollars |                           |                |                                |             |           |         |
| A5C     | SUPPLIES           | 0000    | NONE                      | K267S          | Analytical Laboratory Services | Bell Shaped | 4,000.00  | Dollars |
| Factors | 4000               | Dollars |                           |                |                                |             |           |         |
| A5H     | SUBCONTRACTED SRVS | P060    | COMPUTER SYSTEMS ANALYSTS | K267S          | Analytical Laboratory Services | Linear      | 51,912.44 | Dollars |
| Factors | 75480              | Dollars | 0.85                      | Management cut |                                |             |           |         |

0.80913 [SYS 061400] .80704 - System

**Line Item GIS Web - GIS Internet Web Server**

BOE

Vendor Name - Destiny Resources  
Vendor Quote - 2500 hrs @\$68/hr  
Quote Received by - M. Carr  
Date Received - 4/15/00  
Item being quoted - GIS Management, data management and web site installation and maintenance  
Other Info - separate quote for software upgrades  
Availability - now

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

| Cost Element |                    |         | Skill |                           | Department |                                | Curve | Quantity | Units    |         |
|--------------|--------------------|---------|-------|---------------------------|------------|--------------------------------|-------|----------|----------|---------|
| A5H          | SUBCONTRACTED SRVS |         | P060  | COMPUTER SYSTEMS ANALYSTS | K267S      | Analytical Laboratory Services |       | Linear   | 9.628.70 | Dollars |
| Factors      | 23800              | dollars | 0.5   | Management cut            |            |                                |       |          |          |         |

0.80913 [SYS 061400] .80704 - System

**Line Item SYS - Contingency And Escalation**

BOE

Resources

| Cost Element |                 | Skill |      | Department |               | Curve  | Quantity  | Units   |
|--------------|-----------------|-------|------|------------|---------------|--------|-----------|---------|
| CON          | CONTINGENCY     | 0000  | NONE | ZDEPT      | No Department | Linear | 45,785.38 | Dollars |
| Factors      | 45785.4 Dollars |       |      |            |               |        |           |         |
| ESC          | ESCALATION      | 0000  | NONE | ZDEPT      | No Department | Linear | 18,730.82 | Dollars |
| Factors      | 18730.8 Dollars |       |      |            |               |        |           |         |

Activity ID: 1HAH201016 Description: GIS Database

Cost Risk 1 Schedule Risk 1

| Line Item                      | Description                | Quantity | Units | BOE Type | Labor Hours/Unit | Labor Hours Total | Labor Cost Total | Materials/ Sub Cost | Contingency & Escalation | Total Prime Cost | Burden Cost | Total Cost |
|--------------------------------|----------------------------|----------|-------|----------|------------------|-------------------|------------------|---------------------|--------------------------|------------------|-------------|------------|
| GIS DM                         | GIS Data Management        | 1.00     | each  | VQ       | 0                | 0                 | 0                | 12,137              | 0                        | 12,137           | 0           | 12,137     |
| SYS                            | Contingency And Escalation | 1.00     | lea   | EE       | 0                | 0                 | 0                | 0                   | 5,086                    | 5,086            | 0           | 5,086      |
| Total for Activity 1HAH201016: |                            |          |       |          |                  | 0                 | 0                | 12,137              | 5,086                    | 17,223           | 0           | 17,223     |

**Line Item GIS DM - GIS Data Management**

BOE

Destiny Resources  
Vendor Quote - 2350 hrs @\$68/hr  
Quote Received by - M. Carr  
Date Received - 4/15/00  
Item being quoted - GIS Management, data management and web site installation and maintenance  
Other Info - separate quote for software upgrades  
Availability - now  
Note: vendor assumed operations in FY06. Mangement indicated closure on 12/15/06. Quote reduced to reflect closure activities vs operation activities by M.Carr 5/00.

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

| Cost Element |                    |         | Skill |                           | Department |                                | Curve  | Quantity  | Units   |
|--------------|--------------------|---------|-------|---------------------------|------------|--------------------------------|--------|-----------|---------|
| A5H          | SUBCONTRACTED SRVS |         | P060  | COMPUTER SYSTEMS ANALYSTS | K267S      | Analvtical Laboratory Services | Linear | 12,137.01 | Dollars |
| Factors      | 15000              | Dollars |       |                           |            |                                |        |           |         |

0.80913 [SYS 061400] .80704 - System

**Line Item SYS - Contingency And Escalation**

BOE

Resources

| Cost Element | Skill | Department | Curve | Quantity | Units |
|--------------|-------|------------|-------|----------|-------|
|--------------|-------|------------|-------|----------|-------|

WBS No: 1HAH2010  
Activity ID: 1HAH201016

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1HAH  
Activity Filter \*

Starts In FY \*

|                         |             |      |      |       |               |        |          |         |
|-------------------------|-------------|------|------|-------|---------------|--------|----------|---------|
| CON                     | CONTINGENCY | 0000 | NONE | ZDEPT | No Department | Linear | 2,793.17 | Dollars |
| Factors 2793.18 Dollars |             |      |      |       |               |        |          |         |
| ESC                     | ESCALATION  | 0000 | NONE | ZDEPT | No Department | Linear | 2,292.89 | Dollars |
| Factors 2292.89 Dollars |             |      |      |       |               |        |          |         |

Activity ID: 1HAH201021 Description: EDDIE

Cost Risk 1 Schedule Risk 1

| Line Item                      | Description                        | Quantity | Units | BOE Type | Labor Hours/Unit | Labor Hours Total | Labor Cost Total | Materials/ Sub Cost | Contingency & Escalation | Total Prime Cost | Burden Cost | Total Cost |
|--------------------------------|------------------------------------|----------|-------|----------|------------------|-------------------|------------------|---------------------|--------------------------|------------------|-------------|------------|
| EDDIE                          | EDDIE Web Site Ops and Maintenance | 1.00     | each  | VQ       | 0                | 0                 | 0                | 45,400              | 0                        | 45,400           | 0           | 45,400     |
| SYS                            | Contingency And Escalation         | 1.00     | ea    | EE       | 0                | 0                 | 0                | 0                   | 2,402                    | 2,402            | 0           | 2,402      |
| Total for Activity 1HAH201021: |                                    |          |       |          |                  | 0                 | 0                | 45,400              | 2,402                    | 47,802           | 0           | 47,802     |

**Line Item EDDIE - EDDIE Web Site Ops and Maintenance**

BOE  
Vendor Name - Dyn I&ET  
Vendor Quote - \$40,400  
Quote Received by - M. Carr  
Date Received - 4/18/00  
Item being quoted - EDDIE maintenance and operations (Web site maintenance)  
Other Info - Additional \$5,000 added to upgrade computers/software to support EDDIE. Costs will be based on KH IRM computer prices in effect when purchase is consumated.  
Availability - Now

| Resources | Cost Element          |              | Skill |                           | Department |                                | Curve  | Quantity  | Units   |
|-----------|-----------------------|--------------|-------|---------------------------|------------|--------------------------------|--------|-----------|---------|
|           | A59                   | DYNCORP I&ET | P060  | COMPUTER SYSTEMS ANALYSTS | K267S      | Analvtical Laboratory Services | Linear | 40,400.00 | Dollars |
|           | Factors 40400 dollars |              |       |                           |            |                                |        |           |         |
|           | A5C                   | SUPPLIES     | 0000  | NONE                      | K267S      | Analvtical Laboratory Services | Linear | 5,000.00  | Dollars |
|           | Factors 5000 Dolalrs  |              |       |                           |            |                                |        |           |         |

**Line Item SYS - Contingency And Escalation**

|           |                         |             |      |       |       |               |        |          |          |       |
|-----------|-------------------------|-------------|------|-------|-------|---------------|--------|----------|----------|-------|
| BOE       |                         |             |      |       |       |               |        |          |          |       |
| Resources | Cost Element            |             |      | Skill |       | Department    |        | Curve    | Quantity | Units |
|           | CON                     | CONTINGENCY | 0000 | NONE  | ZDEPT | No Department | Linear | 1,447.01 | Dollars  |       |
|           | Factors 1447.01 Dollars |             |      |       |       |               |        |          |          |       |
|           | ESC                     | ESCALATION  | 0000 | NONE  | ZDEPT | No Department | Linear | 954.66   | Dollars  |       |
|           | Factors 954.66 Dollars  |             |      |       |       |               |        |          |          |       |

Activity ID: 1HAH201022 Description: EDDIE

Cost Risk 1 Schedule Risk 1

| Line Item                      | Description                        | Quantity | Units | BOE Type | Labor Hours/Unit | Labor Hours Total | Labor Cost Total | Materials/ Sub Cost | Contingency & Escalation | Total Prime Cost | Burden Cost | Total Cost |
|--------------------------------|------------------------------------|----------|-------|----------|------------------|-------------------|------------------|---------------------|--------------------------|------------------|-------------|------------|
| EDDIE                          | EDDIE Web Site Ops and Maintenance | 1.00     | each  | VQ       | 0                | 0                 | 0                | 45,400              | 0                        | 45,400           | 0           | 45,400     |
| SYS                            | Contingency And Escalation         | 1.00     | ea    | EE       | 0                | 0                 | 0                | 0                   | 6,768                    | 6,768            | 0           | 6,768      |
| Total for Activity 1HAH201022: |                                    |          |       |          |                  | 0                 | 0                | 45,400              | 6,768                    | 52,168           | 0           | 52,168     |

**Line Item EDDIE - EDDIE Web Site Ops and Maintenance**

BOE  
Vendor Name - Dyn I&ET  
Vendor Quote - \$40,400  
Quote Received by - M. Carr  
Date Received - 4/18/00  
Item being quoted - EDDIE maintenance and operations (Web site maintenance)  
Other Info - Additional \$5,000 added to upgrade computers/software to support EDDIE. Costs will be based on KH IRM computer prices in effect when purchase is consumated.  
Availability - Now

| Resources | Cost Element          |              |  | Skill |                           | Department |                                | Curve  | Quantity  | Units   |
|-----------|-----------------------|--------------|--|-------|---------------------------|------------|--------------------------------|--------|-----------|---------|
|           | A59                   | DYNCORP I&ET |  | P060  | COMPUTER SYSTEMS ANALYSTS | K267S      | Analvtical Laboratory Services | Linear | 40,400.00 | Dollars |
|           | Factors 40400 dollars |              |  |       |                           |            |                                |        |           |         |
|           | A5C                   | SUPPLIES     |  | 0000  | NONE                      | K267S      | Analvtical Laboratory Services | Linear | 5,000.00  | Dollars |
|           | Factors 5000 Dolalrs  |              |  |       |                           |            |                                |        |           |         |

**Line Item SYS - Contingency And Escalation**

BOE

WBS No: 1HAH2010  
Activity ID: 1HAH201022

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1HAH  
Activity Filter \*

Starts In FY \*

| Resources | Cost Element            |             |  | Skill |      | Department |               | Curve  | Quantity | Units   |
|-----------|-------------------------|-------------|--|-------|------|------------|---------------|--------|----------|---------|
|           | CON                     | CONTINGENCY |  | 0000  | NONE | ZDEPT      | No Department | Linear | 4.646.55 | Dollars |
|           | Factors 4646.55 Dollars |             |  |       |      |            |               |        |          |         |
|           | ESC                     | ESCALATION  |  | 0000  | NONE | ZDEPT      | No Department | Linear | 2.121.61 | Dollars |
|           | Factors 2121.61 Dollars |             |  |       |      |            |               |        |          |         |

Activity ID: 1HAH201023 Description: EDDIE

Cost Risk 1 Schedule Risk 1

| Line Item                      | Description                        | Quantity | Units | BOE Type | Labor Hours/Unit | Labor Hours Total | Labor Cost Total | Materials/ Sub Cost | Contingency & Escalation | Total Prime Cost | Burden Cost | Total Cost |
|--------------------------------|------------------------------------|----------|-------|----------|------------------|-------------------|------------------|---------------------|--------------------------|------------------|-------------|------------|
| EDDIE                          | EDDIE Web Site Ops and Maintenance | 1.00     | each  | VQ       | 0                | 0                 | 0                | 45.400              | 0                        | 45.400           | 0           | 45.400     |
| SYS                            | Contingency And Escalation         | 1.00     | ea    | EE       | 0                | 0                 | 0                | 0                   | 12.556                   | 12.556           | 0           | 12.556     |
| Total for Activity 1HAH201023: |                                    |          |       |          |                  | 0                 | 0                | 45.400              | 12.556                   | 57.956           | 0           | 57.956     |

**Line Item EDDIE - EDDIE Web Site Ops and Maintenance**

|     |  |  |  |  |  |  |  |  |  |  |  |  |
|-----|--|--|--|--|--|--|--|--|--|--|--|--|
| BOE | Vendor Name - Dyn I&ET<br>Vendor Quote - \$40,400<br>Quote Received by - M. Carr<br>Date Received - 4/18/00<br>Item being quoted - EDDIE maintenance and operations (Web site maintenance)<br>Other Info - Additional \$5,000 added to upgrade computers/software to support EDDIE. Costs will be based on KH IRM computer prices in effect when purchase is consumated.<br>Availability - Now |  |  |  |  |  |  |  |  |  |  |  |
|-----|--|--|--|--|--|--|--|--|--|--|--|--|

| Resources |              |               |  |       |                           |            |                                |        |           |         |
|-----------|--------------|---------------|--|-------|---------------------------|------------|--------------------------------|--------|-----------|---------|
|           | Cost Element |               |  | Skill |                           | Department |                                | Curve  | Quantity  | Units   |
|           | A59          | DYNCORP I&ET  |  | P060  | COMPUTER SYSTEMS ANALYSTS | K267S      | Analytical Laboratory Services | Linear | 40.400.00 | Dollars |
|           | Factors      | 40400 dollars |  |       |                           |            |                                |        |           |         |
|           | A5C          | SUPPLIES      |  | 0000  | NONE                      | K267S      | Analytical Laboratory Services | Linear | 5.000.00  | Dollars |
| Factors   | 5000 Dolalrs |               |  |       |                           |            |                                |        |           |         |

**Line Item SYS - Contingency And Escalation**

BOE

| Resources | Cost Element            |             | Skill |      | Department |               | Curve  | Quantity | Units   |
|-----------|-------------------------|-------------|-------|------|------------|---------------|--------|----------|---------|
|           | CON                     | CONTINGENCY | 0000  | NONE | ZDEPT      | No Department | Linear | 9.074.00 | Dollars |
|           | Factors 9074 Dollars    |             |       |      |            |               |        |          |         |
|           | ESC                     | ESCALATION  | 0000  | NONE | ZDEPT      | No Department | Linear | 3.481.51 | Dollars |
|           | Factors 3481.51 Dollars |             |       |      |            |               |        |          |         |

Activity ID: 1HAH201024 Description: EDDIE

Cost Risk 1 Schedule Risk 1

| Line Item                      | Description                        | Quantity | Units | BOE Type | Labor Hours/Unit | Labor Hours Total | Labor Cost Total | Materials/ Sub Cost | Contingency & Escalation | Total Prime Cost | Burden Cost | Total Cost |
|--------------------------------|------------------------------------|----------|-------|----------|------------------|-------------------|------------------|---------------------|--------------------------|------------------|-------------|------------|
| EDDIE                          | EDDIE Web Site Ops and Maintenance | 1.00     | each  | VQ       | 0                | 0                 | 0                | 45.400              | 0                        | 45.400           | 0           | 45.400     |
| SYS                            | Contingency And Escalation         | 1.00     | ea    | EE       | 0                | 0                 | 0                | 0                   | 6.470                    | 6.470            | 0           | 6.470      |
| Total for Activity 1HAH201024: |                                    |          |       |          |                  | 0                 | 0                | 45.400              | 6.470                    | 51.870           | 0           | 51.870     |

**Line Item EDDIE - EDDIE Web Site Ops and Maintenance**

|     |  |  |  |  |  |  |  |  |  |  |  |  |
|-----|--|--|--|--|--|--|--|--|--|--|--|--|
| BOE | Vendor Name - Dyn I&ET<br>Vendor Quote - \$40,400<br>Quote Received by - M. Carr<br>Date Received - 4/18/00<br>Item being quoted - EDDIE maintenance and operations (Web site maintenance)<br>Other Info - Additional \$5,000 added to upgrade computers/software to support EDDIE. Costs will be based on KH IRM computer prices in effect when purchase is consumated.<br>Availability - Now |  |  |  |  |  |  |  |  |  |  |  |
|-----|--|--|--|--|--|--|--|--|--|--|--|--|

| Resources            |                       |              |  |       |      |                           |  |       |                                |       |        |           |         |
|----------------------|-----------------------|--------------|--|-------|------|---------------------------|--|-------|--------------------------------|-------|--------|-----------|---------|
|                      | Cost Element          |              |  | Skill |      | Department                |  | Curve | Quantity                       | Units |        |           |         |
|                      | A59                   | DYNCORP I&ET |  |       | P060 | COMPUTER SYSTEMS ANALYSTS |  | K267S | Analytical Laboratory Services |       | Linear | 40.400.00 | Dollars |
|                      | Factors 40400 dollars |              |  |       |      |                           |  |       |                                |       |        |           |         |
|                      | A5C                   | SUPPLIES     |  |       | 0000 | NONE                      |  | K267S | Analytical Laboratory Services |       | Linear | 5.000.00  | Dollars |
| Factors 5000 Dolalrs |                       |              |  |       |      |                           |  |       |                                |       |        |           |         |



WBS No: 1HAH2010  
Activity ID: 1HAH201024

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1HAH  
Activity Filter \*

Starts In FY \*

**Line Item SYS - Contingency And Escalation**

**BOE**

| Resources |  | Cost Element            |  | Skill |      | Department |               | Curve  | Quantity | Units   |
|-----------|--|-------------------------|--|-------|------|------------|---------------|--------|----------|---------|
| CON       |  | CONTINGENCY             |  | 0000  | NONE | ZDEPT      | No Department | Linear | 2.111.02 | Dollars |
|           |  | Factors 2111.02 Dollars |  |       |      |            |               |        |          |         |
| ESC       |  | ESCALATION              |  | 0000  | NONE | ZDEPT      | No Department | Linear | 4.359.14 | Dollars |
|           |  | Factors 4359.14 Dollars |  |       |      |            |               |        |          |         |

Activity ID: 1HAH201025 Description: EDDIE

Cost Risk 1 Schedule Risk 1

| Line Item                      | Description                        | Quantity | Units | BOE Type | Labor Hours/Unit | Labor Hours Total | Labor Cost Total | Materials/ Sub Cost | Contingency & Escalation | Total Prime Cost | Burden Cost | Total Cost |
|--------------------------------|------------------------------------|----------|-------|----------|------------------|-------------------|------------------|---------------------|--------------------------|------------------|-------------|------------|
| EDDIE                          | EDDIE Web Site Ops and Maintenance | 1.00     | each  | VQ       | 0                | 0                 | 0                | 45.400              | 0                        | 45.400           | 0           | 45.400     |
| SYS                            | Contingency And Escalation         | 1.00     | lea   | EE       | 0                | 0                 | 0                | 0                   | 24.225                   | 24.225           | 0           | 24.225     |
| Total for Activity 1HAH201025: |                                    |          |       |          |                  | 0                 | 0                | 45.400              | 24.225                   | 69.625           | 0           | 69.625     |

**Line Item EDDIE - EDDIE Web Site Ops and Maintenance**

**BOE**

Vendor Name - Dyn I&ET  
Vendor Quote - \$40,400  
Quote Received by - M. Carr  
Date Received - 4/18/00  
Item being quoted - EDDIE maintenance and operations (Web site maintenance)  
Other Info - Additional \$5,000 added to upgrade computers/software to support EDDIE. Costs will be based on KH IRM computer prices in effect when purchase is consumated.  
Availability - Now

| Resources |  | Cost Element          |  | Skill |                           | Department |                                | Curve  | Quantity  | Units   |
|-----------|--|-----------------------|--|-------|---------------------------|------------|--------------------------------|--------|-----------|---------|
| A59       |  | DYNCORP I&ET          |  | P060  | COMPUTER SYSTEMS ANALYSTS | K267S      | Analytical Laboratory Services | Linear | 40.400.00 | Dollars |
|           |  | Factors 40400 dollars |  |       |                           |            |                                |        |           |         |
| A5C       |  | SUPPLIES              |  | 0000  | NONE                      | K267S      | Analytical Laboratory Services | Linear | 5.000.00  | Dollars |
|           |  | Factors 5000 Dolalrs  |  |       |                           |            |                                |        |           |         |

**Line Item SYS - Contingency And Escalation**

**BOE**

| Resources |  | Cost Element            |  | Skill |      | Department |               | Curve  | Quantity  | Units   |
|-----------|--|-------------------------|--|-------|------|------------|---------------|--------|-----------|---------|
| CON       |  | CONTINGENCY             |  | 0000  | NONE | ZDEPT      | No Department | Linear | 17.191.77 | Dollars |
|           |  | Factors 17191.8 Dollars |  |       |      |            |               |        |           |         |
| ESC       |  | ESCALATION              |  | 0000  | NONE | ZDEPT      | No Department | Linear | 7.033.16  | Dollars |
|           |  | Factors 7033.16 Dollars |  |       |      |            |               |        |           |         |

Activity ID: 1HAH201026 Description: EDDIE

Cost Risk 1 Schedule Risk 1

| Line Item                      | Description                        | Quantity | Units | BOE Type | Labor Hours/Unit | Labor Hours Total | Labor Cost Total | Materials/ Sub Cost | Contingency & Escalation | Total Prime Cost | Burden Cost | Total Cost |
|--------------------------------|------------------------------------|----------|-------|----------|------------------|-------------------|------------------|---------------------|--------------------------|------------------|-------------|------------|
| EDDIE                          | EDDIE Web Site Ops and Maintenance | 1.00     | each  | VQ       | 0                | 0                 | 0                | 5.000               | 0                        | 5.000            | 0           | 5.000      |
| SYS                            | Contingency And Escalation         | 1.00     | lea   | EE       | 0                | 0                 | 0                | 0                   | 2.095                    | 2.095            | 0           | 2.095      |
| Total for Activity 1HAH201026: |                                    |          |       |          |                  | 0                 | 0                | 5.000               | 2.095                    | 7.095            | 0           | 7.095      |

**Line Item EDDIE - EDDIE Web Site Ops and Maintenance**

**BOE**

Vendor Name - Dyn I&ET  
Vendor Quote - \$40,400  
Quote Received by - M. Carr  
Date Received - 4/18/00  
Item being quoted - EDDIE maintenance and operations (Web site maintenance)  
Other Info - Additional \$5,000 added to upgrade computers/software to support EDDIE. Costs will be based on KH IRM computer prices in effect when purchase is consumated.  
Availability - Now

| Resources |  | Cost Element                             |  | Skill |                           | Department |                                | Curve  | Quantity | Units   |
|-----------|--|--|--|-------|---------------------------|------------|--------------------------------|--------|----------|---------|
| A59       |  | DYNCORP I&ET                             |  | P060  | COMPUTER SYSTEMS ANALYSTS | K267S      | Analytical Laboratory Services | Linear | 5.000.00 | Dollars |
|           |  | Factors 10000 dollars 0.5 Management cut |  |       |                           |            |                                |        |          |         |

WBS No: 1HAH2010  
Activity ID: 1HAH201026

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1HAH  
Activity Filter \*

Starts In FY \*

**Line Item SYS - Contingency And Escalation**

**BOE**

| Resources |             | Cost Element    | Skill | Department | Curve         | Quantity | Units            |
|-----------|-------------|-----------------|-------|------------|---------------|----------|------------------|
| CON       | CONTINGENCY | 0000            | NONE  | ZDEPT      | No Department | Linear   | 1.150.68 Dollars |
| Factors   |             | 1150.68 Dollars |       |            |               |          |                  |
| ESC       | ESCALATION  | 0000            | NONE  | ZDEPT      | No Department | Linear   | 944.59 Dollars   |
| Factors   |             | 944.587 Dollars |       |            |               |          |                  |

Activity ID: 1HAH201031 Description: ISEDS

Cost Risk 1 Schedule Risk 1

| Line Item                      | Description                | Quantity | Units | BOE Type | Labor Hours/Unit | Labor Hours Total | Labor Cost Total | Materials/ Sub Cost | Contingency & Escalation | Total Prime Cost | Burden Cost | Total Cost |
|--------------------------------|----------------------------|----------|-------|----------|------------------|-------------------|------------------|---------------------|--------------------------|------------------|-------------|------------|
| ISEDS                          | ISEDS O&M                  | 1.00     | each  | VQ       | 0                | 0                 | 0                | 45.400              | 0                        | 45.400           | 0           | 45.400     |
| SYS                            | Contingency And Escalation | 1.00     | ea    | EE       | 0                | 0                 | 0                | 0                   | 2.402                    | 2.402            | 0           | 2.402      |
| Total for Activity 1HAH201031: |                            |          |       |          |                  | 0                 | 0                | 45.400              | 2.402                    | 47.802           | 0           | 47.802     |

**Line Item ISEDS - ISEDS O&M**

**BOE**

Vendor Name - Dyn I&ET  
Vendor Quote - \$40,400  
Quote Received by - Marian Carr  
Date Received - 4/18/00  
Item being quoted - Operate and maintain ISEDS web site  
Other Info - DDIE maintenance and operations (Web site maintenance)  
Other Info - Additional \$5,000 added to upgrade computers/software to support ISEDS. Costs will be based on KH IRM computer prices in effect when purchase is consumated.  
Availability - Now

| Resources |              | Cost Element  | Skill                     | Department | Curve                          | Quantity | Units             |
|-----------|--------------|---------------|---------------------------|------------|--------------------------------|----------|-------------------|
| A59       | DYNCORP I&ET | 0000          | NONE                      | K267S      | Analytical Laboratory Services | Linear   | 5.000.00 Dollars  |
| Factors   |              | 5000 Dollars  |                           |            |                                |          |                   |
| A59       | DYNCORP I&ET | P060          | COMPUTER SYSTEMS ANALYSTS | K267S      | Analytical Laboratory Services | Linear   | 40.400.00 Dollars |
| Factors   |              | 40400 Dollars |                           |            |                                |          |                   |

**Line Item SYS - Contingency And Escalation**

**BOE**

| Resources |             | Cost Element    | Skill | Department | Curve         | Quantity | Units            |
|-----------|-------------|-----------------|-------|------------|---------------|----------|------------------|
| CON       | CONTINGENCY | 0000            | NONE  | ZDEPT      | No Department | Linear   | 1.447.01 Dollars |
| Factors   |             | 1447.01 Dollars |       |            |               |          |                  |
| ESC       | ESCALATION  | 0000            | NONE  | ZDEPT      | No Department | Linear   | 954.66 Dollars   |
| Factors   |             | 954.661 Dollars |       |            |               |          |                  |

Activity ID: 1HAH201032 Description: ISEDS

Cost Risk 1 Schedule Risk 1

| Line Item                      | Description                | Quantity | Units | BOE Type | Labor Hours/Unit | Labor Hours Total | Labor Cost Total | Materials/ Sub Cost | Contingency & Escalation | Total Prime Cost | Burden Cost | Total Cost |
|--------------------------------|----------------------------|----------|-------|----------|------------------|-------------------|------------------|---------------------|--------------------------|------------------|-------------|------------|
| ISEDS                          | ISEDS O&M                  | 1.00     | each  | VQ       | 0                | 0                 | 0                | 45.400              | 0                        | 45.400           | 0           | 45.400     |
| SYS                            | Contingency And Escalation | 1.00     | ea    | EE       | 0                | 0                 | 0                | 0                   | 6.768                    | 6.768            | 0           | 6.768      |
| Total for Activity 1HAH201032: |                            |          |       |          |                  | 0                 | 0                | 45.400              | 6.768                    | 52.168           | 0           | 52.168     |

**Line Item ISEDS - ISEDS O&M**

**BOE**

Vendor Name - Dyn I&ET  
Vendor Quote - \$40,400  
Quote Received by - Marian Carr  
Date Received - 4/18/00  
Item being quoted - Operate and maintain ISEDS web site  
Other Info - DDIE maintenance and operations (Web site maintenance)  
Other Info - Additional \$5,000 added to upgrade computers/software to support ISEDS. Costs will be based on KH IRM computer prices in effect when purchase is consumated.  
Availability - Now

| Resources |  | Cost Element | Skill | Department | Curve | Quantity | Units |
|-----------|--|--------------|-------|------------|-------|----------|-------|
|-----------|--|--------------|-------|------------|-------|----------|-------|

WBS No: 1HAH2010  
Activity ID: 1HAH201032

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project  
WBS Filter  
Activity Filter  
Baseline Devl  
1HAH  
\*

Starts In FY \*

|         |              |         |                           |       |                                |        |           |         |
|---------|--------------|---------|---------------------------|-------|--------------------------------|--------|-----------|---------|
| A59     | DYNCORP I&ET | 0000    | NONE                      | K267S | Analytical Laboratory Services | Linear | 5,000.00  | Dollars |
| Factors | 5000         | Dollars |                           |       |                                |        |           |         |
| A59     | DYNCORP I&ET | P060    | COMPUTER SYSTEMS ANALYSTS | K267S | Analytical Laboratory Services | Linear | 40,400.00 | Dollars |
| Factors | 40400        | Dollars |                           |       |                                |        |           |         |

**Line Item SYS - Contingency And Escalation**

**BOE**

**Resources**

|         |             |         |      |       |               |        |          |         |
|---------|-------------|---------|------|-------|---------------|--------|----------|---------|
| CON     | CONTINGENCY | 0000    | NONE | ZDEPT | No Department | Linear | 4,646.55 | Dollars |
| Factors | 4646.55     | Dollars |      |       |               |        |          |         |
| ESC     | ESCALATION  | 0000    | NONE | ZDEPT | No Department | Linear | 2,121.61 | Dollars |
| Factors | 2121.61     | Dollars |      |       |               |        |          |         |

Activity ID: 1HAH201033 Description: ISEDS

Cost Risk 1 Schedule Risk 1

| Line Item                      | Description                | Quantity | Units | BOE Type | Labor Hours/Unit | Labor Hours Total | Labor Cost Total | Materials/ Sub Cost | Contingency & Escalation | Total Prime Cost | Burden Cost | Total Cost |
|--------------------------------|----------------------------|----------|-------|----------|------------------|-------------------|------------------|---------------------|--------------------------|------------------|-------------|------------|
| ISEDS                          | ISEDS O&M                  | 1.00     | each  | VQ       | 0                | 0                 | 0                | 45,400              | 0                        | 45,400           | 0           | 45,400     |
| SYS                            | Contingency And Escalation | 1.00     | lea   | EE       | 0                | 0                 | 0                | 0                   | 12,556                   | 12,556           | 0           | 12,556     |
| Total for Activity 1HAH201033: |                            |          |       |          |                  | 0                 | 0                | 45,400              | 12,556                   | 57,956           | 0           | 57,956     |

**Line Item ISEDS - ISEDS O&M**

**BOE**

Vendor Name - Dyn I&ET  
Vendor Quote - \$40,400  
Quote Received by - Marian Carr  
Date Received - 4/18/00  
Item being quoted - Operate and maintain ISEDS web site  
Other Info - DDIE maintenance and operations (Web site maintenance)  
Other Info - Additional \$5,000 added to upgrade computers/software to support ISEDS. Costs will be based on KH IRM computer prices in effect when purchase is consumated.  
Availability - Now

**Resources**

|         |              |         |                           |       |                                |        |           |         |
|---------|--------------|---------|---------------------------|-------|--------------------------------|--------|-----------|---------|
| A59     | DYNCORP I&ET | 0000    | NONE                      | K267S | Analytical Laboratory Services | Linear | 5,000.00  | Dollars |
| Factors | 5000         | Dollars |                           |       |                                |        |           |         |
| A59     | DYNCORP I&ET | P060    | COMPUTER SYSTEMS ANALYSTS | K267S | Analytical Laboratory Services | Linear | 40,400.00 | Dollars |
| Factors | 40400        | Dollars |                           |       |                                |        |           |         |

**Line Item SYS - Contingency And Escalation**

**BOE**

**Resources**

|         |             |         |      |       |               |        |          |         |
|---------|-------------|---------|------|-------|---------------|--------|----------|---------|
| CON     | CONTINGENCY | 0000    | NONE | ZDEPT | No Department | Linear | 9,074.00 | Dollars |
| Factors | 9074        | Dollars |      |       |               |        |          |         |
| ESC     | ESCALATION  | 0000    | NONE | ZDEPT | No Department | Linear | 3,481.51 | Dollars |
| Factors | 3481.51     | Dollars |      |       |               |        |          |         |

Activity ID: 1HAH201034 Description: ISEDS

Cost Risk 1 Schedule Risk 1

| Line Item                      | Description                | Quantity | Units | BOE Type | Labor Hours/Unit | Labor Hours Total | Labor Cost Total | Materials/ Sub Cost | Contingency & Escalation | Total Prime Cost | Burden Cost | Total Cost |
|--------------------------------|----------------------------|----------|-------|----------|------------------|-------------------|------------------|---------------------|--------------------------|------------------|-------------|------------|
| ISEDS                          | ISEDS O&M                  | 1.00     | each  | VQ       | 0                | 0                 | 0                | 45,400              | 0                        | 45,400           | 0           | 45,400     |
| SYS                            | Contingency And Escalation | 1.00     | lea   | EE       | 0                | 0                 | 0                | 0                   | 6,470                    | 6,470            | 0           | 6,470      |
| Total for Activity 1HAH201034: |                            |          |       |          |                  | 0                 | 0                | 45,400              | 6,470                    | 51,870           | 0           | 51,870     |

**Line Item ISEDS - ISEDS O&M**

**BOE**

Vendor Name - Dyn I&ET  
Vendor Quote - \$40,400  
Quote Received by - Marian Carr  
Date Received - 4/18/00  
Item being quoted - Operate and maintain ISEDS web site  
Other Info - DDIE maintenance and operations (Web site maintenance)  
Other Info - Additional \$5,000 added to upgrade computers/software to support ISEDS. Costs will be based on KH IRM computer prices in effect when purchase is consumated.

WBS No: 1HAH2010  
Activity ID: 1HAH201034

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1HAH  
Activity Filter \* Starts In FY \*

is consumated.  
Availability - Now

| Resources |              | Cost Element | Skill   |                           | Department |                                | Curve  | Quantity  | Units   |
|-----------|--------------|--------------|---------|---------------------------|------------|--------------------------------|--------|-----------|---------|
| A59       | DYNCORP I&ET |              | 0000    | NONE                      | K267S      | Analytical Laboratory Services | Linear | 5.000.00  | Dollars |
| Factors   |              | 5000         | Dollars |                           |            |                                |        |           |         |
| A59       | DYNCORP I&ET |              | P060    | COMPUTER SYSTEMS ANALYSTS | K267S      | Analytical Laboratory Services | Linear | 40.400.00 | Dollars |
| Factors   |              | 40400        | Dollars |                           |            |                                |        |           |         |

**Line Item SYS - Contingency And Escalation**

**BOE**

| Resources |             | Cost Element | Skill   |      | Department |               | Curve  | Quantity | Units   |
|-----------|-------------|--------------|---------|------|------------|---------------|--------|----------|---------|
| CON       | CONTINGENCY |              | 0000    | NONE | ZDEPT      | No Department | Linear | 2.111.02 | Dollars |
| Factors   |             | 2111.02      | Dollars |      |            |               |        |          |         |
| ESC       | ESCALATION  |              | 0000    | NONE | ZDEPT      | No Department | Linear | 4.359.14 | Dollars |
| Factors   |             | 4359.14      | Dollars |      |            |               |        |          |         |

Activity ID: 1HAH201035 Description: ISEDS

Cost Risk 1 Schedule Risk 1

| Line Item                      | Description                | Quantity | Units | BOE Type | Labor Hours/Unit | Labor Hours Total | Labor Cost Total | Materials/ Sub Cost | Contingency & Escalation | Total Prime Cost | Burden Cost | Total Cost |
|--------------------------------|----------------------------|----------|-------|----------|------------------|-------------------|------------------|---------------------|--------------------------|------------------|-------------|------------|
| ISEDS                          | ISEDS O&M                  | 1.00     | each  | VQ       | 0                | 0                 | 0                | 45.400              | 0                        | 45.400           | 0           | 45.400     |
| SYS                            | Contingency And Escalation | 1.00     | ea    | EE       | 0                | 0                 | 0                | 0                   | 24.225                   | 24.225           | 0           | 24.225     |
| Total for Activity 1HAH201035: |                            |          |       |          |                  | 0                 | 0                | 45.400              | 24.225                   | 69.625           | 0           | 69.625     |

**Line Item ISEDS - ISEDS O&M**

**BOE**

Vendor Name - Dyn I&ET  
Vendor Quote - \$40,400  
Quote Received by - Marian Carr  
Date Received - 4/18/00  
Item being quoted - Operate and maintain ISEDS web site  
Other Info - DDIE maintenance and operations (Web site maintenance)  
Other Info - Additional \$5,000 added to upgrade computers/software to support ISEDS. Costs will be based on KH IRM computer prices in effect when purchase is consumated.  
Availability - Now

| Resources |              | Cost Element | Skill   |                           | Department |                                | Curve  | Quantity  | Units   |
|-----------|--------------|--------------|---------|---------------------------|------------|--------------------------------|--------|-----------|---------|
| A59       | DYNCORP I&ET |              | 0000    | NONE                      | K267S      | Analytical Laboratory Services | Linear | 5.000.00  | Dollars |
| Factors   |              | 5000         | Dollars |                           |            |                                |        |           |         |
| A59       | DYNCORP I&ET |              | P060    | COMPUTER SYSTEMS ANALYSTS | K267S      | Analytical Laboratory Services | Linear | 40.400.00 | Dollars |
| Factors   |              | 40400        | Dollars |                           |            |                                |        |           |         |

**Line Item SYS - Contingency And Escalation**

**BOE**

| Resources |             | Cost Element | Skill   |      | Department |               | Curve  | Quantity  | Units   |
|-----------|-------------|--------------|---------|------|------------|---------------|--------|-----------|---------|
| CON       | CONTINGENCY |              | 0000    | NONE | ZDEPT      | No Department | Linear | 17.191.77 | Dollars |
| Factors   |             | 17191.8      | Dollars |      |            |               |        |           |         |
| ESC       | ESCALATION  |              | 0000    | NONE | ZDEPT      | No Department | Linear | 7.033.16  | Dollars |
| Factors   |             | 7033.16      | Dollars |      |            |               |        |           |         |

Activity ID: 1HAH201036 Description: ISEDS

Cost Risk 1 Schedule Risk 1

| Line Item                      | Description                | Quantity | Units | BOE Type | Labor Hours/Unit | Labor Hours Total | Labor Cost Total | Materials/ Sub Cost | Contingency & Escalation | Total Prime Cost | Burden Cost | Total Cost |
|--------------------------------|----------------------------|----------|-------|----------|------------------|-------------------|------------------|---------------------|--------------------------|------------------|-------------|------------|
| ISEDS                          | ISEDS O&M                  | 1.00     | each  | VQ       | 0                | 0                 | 0                | 5.000               | 0                        | 5.000            | 0           | 5.000      |
| SYS                            | Contingency And Escalation | 1.00     | ea    | EE       | 0                | 0                 | 0                | 0                   | 2.095                    | 2.095            | 0           | 2.095      |
| Total for Activity 1HAH201036: |                            |          |       |          |                  | 0                 | 0                | 5.000               | 2.095                    | 7.095            | 0           | 7.095      |

**Line Item ISEDS - ISEDS O&M**

**BOE**

Vendor Name - Dyn I&ET  
Vendor Quote - \$40,400  
Quote Received by - Marian Carr  
Date Received - 4/18/00

WBS No: 1HAH2010  
Activity ID: 1HAH201036

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1HAH  
Activity Filter \* Starts In FY \*

Item being quoted - Operate and maintain ISEDS web site  
Other Info - DDIE maintenance and operations (Web site maintenance)  
Other Info - Additional \$5,000 added to upgrade computers/software to support ISEDS. Costs will be based on KH IRM computer prices in effect when purchase is consumated.  
Availability - Now

| Resources |              | Cost Element | Skill                     | Department | Curve                          | Quantity | Units    |
|-----------|--------------|--------------|---------------------------|------------|--------------------------------|----------|----------|
| A59       | DYNCORP I&ET | P060         | COMPUTER SYSTEMS ANALYSTS | K267S      | Analytical Laboratory Services | Linear   | 5.000.00 |
| Factors   |              | 10000        | Dollars                   | 0.5        | Management cut                 |          |          |

**Line Item SYS - Contingency And Escalation**

| Resources |             | Cost Element | Skill   | Department | Curve         | Quantity | Units    |
|-----------|-------------|--------------|---------|------------|---------------|----------|----------|
| CON       | CONTINGENCY | 0000         | NONE    | ZDEPT      | No Department | Linear   | 1.150.68 |
| Factors   |             | 1150.68      | Dollars |            |               |          |          |
| ESC       | ESCALATION  | 0000         | NONE    | ZDEPT      | No Department | Linear   | 944.59   |
| Factors   |             | 944.587      | Dollars |            |               |          |          |

Activity ID: 1HAH201041 Description: AST Database

Cost Risk 2 Schedule Risk 2

| Line Item                      | Description                | Quantity | Units | BOE Type | Labor Hours/Unit | Labor Hours Total | Labor Cost Total | Materials/ Sub Cost | Contingency & Escalation | Total Prime Cost | Burden Cost | Total Cost |
|--------------------------------|----------------------------|----------|-------|----------|------------------|-------------------|------------------|---------------------|--------------------------|------------------|-------------|------------|
| Data Delivery                  | Analytical Data Delivery   | 1.00     | each  | VQ       | 0                | 0                 | 0                | 135.602             | 0                        | 135.602          | 0           | 135.602    |
| A/S Tech Srv                   | AST/SWD Technical Services | 1.00     | each  | VQ       | 0                | 0                 | 0                | 295.594             | 0                        | 295.594          | 0           | 295.594    |
| AST DYN                        | AST/SWD Programming        | 1.00     | each  | VQ       | 0                | 0                 | 0                | 80.000              | 0                        | 80.000           | 0           | 80.000     |
| AST O&M                        | AST Operations/Maintenance | 1.00     | each  | VQ       | 0                | 0                 | 0                | 203.572             | 0                        | 203.572          | 0           | 203.572    |
| NEDD                           | NEDD Implementation        | 1.00     | each  | VQ       | 0                | 0                 | 0                | 106.735             | 0                        | 106.735          | 0           | 106.735    |
| SYS                            | Contingency And Escalation | 1.00     | ea    | EE       | 0                | 0                 | 0                | 0                   | 43.458                   | 43.458           | 0           | 43.458     |
| Total for Activity 1HAH201041: |                            |          |       |          |                  | 0                 | 0                | 821.503             | 43.458                   | 864.961          | 0           | 864.961    |

**Line Item Data Delivery - Analytical Data Delivery**

| Resources |              | Cost Element | Skill                     | Department | Curve                          | Quantity | Units      |
|-----------|--------------|--------------|---------------------------|------------|--------------------------------|----------|------------|
| A59       | DYNCORP I&ET | P060         | COMPUTER SYSTEMS ANALYSTS | K267S      | Analytical Laboratory Services | Linear   | 125.602.00 |
| Factors   |              | 125602       | Dollars                   |            |                                |          |            |
| A5C       | SUPPLIES     | 0000         | NONE                      | K267S      | Analytical Laboratory Services | Linear   | 10.000.00  |
| Factors   |              | 10000        | Dollars                   |            |                                |          |            |

Vendor Name - Enabling Technology  
Vendor Quote - \$125,602  
Quote Received by - Marian Carr  
Date Received - 4/13/00  
Item being quoted - AST/SWD data processing and data delivery  
Other Info - Additional \$10,000 added to purchase computers/equipment for data delivery/EDD processing. Actual purchase price will be based on KH IRM approved computer configurations in effect at time of purchase.  
Availability - Now

**Line Item A/S Tech Srv - AST/SWD Technical Services**

| Resources |              | Cost Element | Skill                     | Department | Curve                          | Quantity | Units      |
|-----------|--------------|--------------|---------------------------|------------|--------------------------------|----------|------------|
| A59       | DYNCORP I&ET | P060         | COMPUTER SYSTEMS ANALYSTS | K267S      | Analytical Laboratory Services | Linear   | 290.594.00 |
| Factors   |              | 290594       | Dollars                   |            |                                |          |            |
| A5C       | SUPPLIES     | 0000         | NONE                      | K267S      | Analytical Laboratory Services | Linear   | 5.000.00   |
| Factors   |              | 5000         | Dollars                   |            |                                |          |            |

Vendor Name - Enabling Technology  
Vendor Quote - \$290,594  
Quote Received by - Marian Carr  
Date Received - 4/13/00  
Item being quoted - Analytical Services technical support activities  
Other Info - Additional \$5,000 added to purchase computers for Analytical Services Support. Actual purchase price will be based on KH IRM approved computer configurations in effect at time of purchase.  
Availability - Now

WBS No: 1HAH2010  
Activity ID: 1HAH201041

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1HAH  
Activity Filter \*

Starts In FY \*

**Line Item AST DYN - AST/SWD Programming**

|     |   |  |  |  |  |  |  |  |  |  |  |  |
|-----|---|--|--|--|--|--|--|--|--|--|--|--|
| BOE | Vendor Name - Envision Technology<br>Vendor Quote - \$80,000<br>Quote Received by - Marian Carr<br>Date Received - 4/19/00<br>Item being quoted - On-demand oracle programming support at fixed unit rate<br>Other Info -<br>Availability - Now |  |  |  |  |  |  |  |  |  |  |  |
|-----|---|--|--|--|--|--|--|--|--|--|--|--|

|           |                     |              |              |                           |                   |                                |              |                 |              |
|-----------|---------------------|--------------|--------------|---------------------------|-------------------|--------------------------------|--------------|-----------------|--------------|
| Resources | <i>Cost Element</i> |              | <i>Skill</i> |                           | <i>Department</i> |                                | <i>Curve</i> | <i>Quantity</i> | <i>Units</i> |
|           | A59                 | DYNCORP I&ET | P060         | COMPUTER SYSTEMS ANALYSTS | K267S             | Analytical Laboratory Services | Linear       | 80.000.00       | Dollars      |

Factors 80000 Dollars

**Line Item AST O&M - AST Operations/Maintenance**

|     |   |  |  |  |  |  |  |  |  |  |  |  |
|-----|---|--|--|--|--|--|--|--|--|--|--|--|
| BOE | Vendor Name - Enabling Technology<br>Vendor Quote - \$198572<br>Quote Received by - Marian Carr<br>Date Received - 4/13/00<br>Item being quoted - AST/SWD and associated systems and processes operations and maintenance<br>Other Info - Additional \$5,000 added to purchase computers for AST O&M. Actual purchase price will be based on KH IRM approved computer configurations in effect at time of purchase.<br>Availability - Now |  |  |  |  |  |  |  |  |  |  |  |
|-----|---|--|--|--|--|--|--|--|--|--|--|--|

|           |                     |              |              |                           |                   |                                |              |                 |              |
|-----------|---------------------|--------------|--------------|---------------------------|-------------------|--------------------------------|--------------|-----------------|--------------|
| Resources | <i>Cost Element</i> |              | <i>Skill</i> |                           | <i>Department</i> |                                | <i>Curve</i> | <i>Quantity</i> | <i>Units</i> |
|           | A59                 | DYNCORP I&ET | P060         | COMPUTER SYSTEMS ANALYSTS | K267S             | Analytical Laboratory Services | Linear       | 198.572.00      | Dollars      |

Factors 198572 Dollars

|     |          |      |      |       |                                |        |          |         |
|-----|----------|------|------|-------|--------------------------------|--------|----------|---------|
| A5C | SUPPLIES | 0000 | NONE | K267S | Analytical Laboratory Services | Linear | 5.000.00 | Dollars |
|-----|----------|------|------|-------|--------------------------------|--------|----------|---------|

Factors 5000 Dollars

**Line Item NEDD - NEDD Implementation**

|     |   |  |  |  |  |  |  |  |  |  |  |  |
|-----|---|--|--|--|--|--|--|--|--|--|--|--|
| BOE | Vendor Name - Enabling Technology<br>Vendor Quote - \$101,735<br>Quote Received by - Marian Carr<br>Date Received - 4/13/00<br>Item being quoted - Development and implementation of NEDD application.<br>Other Info - Additional \$5,000 added to purchase computers for NEDD application support. Actual purchase price will be based on KH IRM approved computer configurations in effect at time of purchase.<br>Availability - Now |  |  |  |  |  |  |  |  |  |  |  |
|-----|---|--|--|--|--|--|--|--|--|--|--|--|

|           |                     |              |              |                           |                   |                                |              |                 |              |
|-----------|---------------------|--------------|--------------|---------------------------|-------------------|--------------------------------|--------------|-----------------|--------------|
| Resources | <i>Cost Element</i> |              | <i>Skill</i> |                           | <i>Department</i> |                                | <i>Curve</i> | <i>Quantity</i> | <i>Units</i> |
|           | A59                 | DYNCORP I&ET | P060         | COMPUTER SYSTEMS ANALYSTS | K267S             | Analytical Laboratory Services | Linear       | 101.735.00      | Dollars      |

Factors 101735 Dollars

|     |          |      |      |       |                                |        |          |         |
|-----|----------|------|------|-------|--------------------------------|--------|----------|---------|
| A5C | SUPPLIES | 0000 | NONE | K267S | Analytical Laboratory Services | Linear | 5.000.00 | Dollars |
|-----|----------|------|------|-------|--------------------------------|--------|----------|---------|

Factors 5000 Dollars

**Line Item SYS - Contingency And Escalation**

|           |              |             |  |       |      |            |               |        |           |         |
|-----------|--------------|-------------|--|-------|------|------------|---------------|--------|-----------|---------|
| BOE       |              |             |  |       |      |            |               |        |           |         |
| Resources | Cost Element |             |  | Skill |      | Department |               | Curve  | Quantity  | Units   |
|           | CON          | CONTINGENCY |  | 0000  | NONE | ZDEPT      | No Department | Linear | 26.183.29 | Dollars |

Factors 26183.3 Dollars

|     |            |      |      |       |               |        |           |         |
|-----|------------|------|------|-------|---------------|--------|-----------|---------|
| ESC | ESCALATION | 0000 | NONE | ZDEPT | No Department | Linear | 17.274.37 | Dollars |
|-----|------------|------|------|-------|---------------|--------|-----------|---------|

Factors 17274.4 Dollars

Activity ID: 1HAH201042 Description: AST Database

Cost Risk 2 Schedule Risk 2

| Line Item     | Description                | Quantity | Units | BOE Type | Labor Hours/Unit | Labor Hours Total | Labor Cost Total | Materials/ Sub Cost | Contingency & Escalation | Total Prime Cost | Burden Cost | Total Cost |
|---------------|----------------------------|----------|-------|----------|------------------|-------------------|------------------|---------------------|--------------------------|------------------|-------------|------------|
| Data Delivery | Analytical Data Delivery   | 1.00     | each  | VQ       | 0                | 0                 | 0                | 110.602             | 0                        | 110.602          | 0           | 110.602    |
| A/S Tech Srv  | AST/SWD Technical Services | 1.00     | each  | VQ       | 0                | 0                 | 0                | 162.903             | 0                        | 162.903          | 0           | 162.903    |
| AST DYN       | AST/SWD Programming        | 1.00     | each  | VQ       | 0                | 0                 | 0                | 40.000              | 0                        | 40.000           | 0           | 40.000     |
| AST O&M       | AST Operations/Maintenance | 1.00     | each  | VQ       | 0                | 0                 | 0                | 116.572             | 0                        | 116.572          | 0           | 116.572    |
| SYS           | Contingency And Escalation | 1.00     | lea   | EE       | 0                | 0                 | 0                | 0                   | 64.115                   | 64.115           | 0           | 64.115     |

WBS No: 1HAH2010  
Activity ID: 1HAH201042

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1HAH  
Activity Filter \*

Starts In FY \*

Total for Activity 1HAH201042:

|   |   |         |        |         |   |         |
|---|---|---------|--------|---------|---|---------|
| 0 | 0 | 430.077 | 64.115 | 494.192 | 0 | 494.192 |
|---|---|---------|--------|---------|---|---------|

**Line Item Data Delivery - Analytical Data Delivery**

|     |  |  |  |  |  |  |
|-----|--|--|--|--|--|--|
| BOE | Vendor Name - Enabling Technology<br>Vendor Quote - \$125,602<br>Quote Received by - Marian Carr<br>Date Received - 4/13/00<br>Item being quoted - AST/SWD data processing and data delivery<br>Other Info - Additional \$10,000 added to purchase computers/equipment for data delivery/EDD processing. Acutal purchase price will be based on KH IRM approved computer configurations in effect at time of purchase.<br>Availability - Now |  |  |  |  |  |
|-----|--|--|--|--|--|--|

| Cost Element           |              | Skill |                           | Department |                                | Curve  | Quantity   | Units   |
|------------------------|--------------|-------|---------------------------|------------|--------------------------------|--------|------------|---------|
| A59                    | DYNCORP I&ET | P060  | COMPUTER SYSTEMS ANALYSTS | K267S      | Analvtical Laboratory Services | Linear | 110.602.00 | Dollars |
| Factors 110602 Dollars |              |       |                           |            |                                |        |            |         |

**Line Item A/S Tech Srv - AST/SWD Technical Services**

|     |   |  |  |  |  |  |
|-----|---|--|--|--|--|--|
| BOE | Vendor Name - Enabling Technology<br>Vendor Quote - \$290,594<br>Quote Received by - Marian Carr<br>Date Received - 4/13/00<br>Item being quoted - Analytical Services technical support activities<br>Other Info - Additional \$5,000 added to purchase computers for Analytical Services Support. Acutal purchase price will be based on KH IRM approved computer configurations in effect at time of purchase.<br>Availability - Now |  |  |  |  |  |
|-----|---|--|--|--|--|--|

| Cost Element           |              | Skill |                           | Department |                                | Curve  | Quantity   | Units   |
|------------------------|--------------|-------|---------------------------|------------|--------------------------------|--------|------------|---------|
| A59                    | DYNCORP I&ET | P060  | COMPUTER SYSTEMS ANALYSTS | K267S      | Analvtical Laboratory Services | Linear | 162.903.00 | Dollars |
| Factors 162903 Dollars |              |       |                           |            |                                |        |            |         |

**Line Item AST DYN - AST/SWD Programming**

|     |   |  |  |  |  |  |
|-----|---|--|--|--|--|--|
| BOE | Vendor Name - Envision Technology<br>Vendor Quote - \$80,000<br>Quote Received by - Marian Carr<br>Date Received - 4/19/00<br>Item being quoted - On-demand oracle programming support at fixed unit rate<br>Other Info -<br>Availability - Now |  |  |  |  |  |
|-----|---|--|--|--|--|--|

| Cost Element                            |              | Skill |                           | Department |                                | Curve  | Quantity  | Units   |
|---|--------------|-------|---------------------------|------------|--------------------------------|--------|-----------|---------|
| A59                                     | DYNCORP I&ET | P060  | COMPUTER SYSTEMS ANALYSTS | K267S      | Analvtical Laboratory Services | Linear | 40.000.00 | Dollars |
| Factors 80000 Dollars 0.5 Managemnt cut |              |       |                           |            |                                |        |           |         |

**Line Item AST O&M - AST Operations/Maintenance**

|     |   |  |  |  |  |  |
|-----|---|--|--|--|--|--|
| BOE | Vendor Name - Enabling Technology<br>Vendor Quote - \$198572<br>Quote Received by - Marian Carr<br>Date Received - 4/13/00<br>Item being quoted - AST/SWD and associated systems and processes operations and maintenance<br>Other Info - Additional \$5,000 added to purchase computers for AST O&M. Acutal purchase price will be based on KH IRM approved computer configurations in effect at time of purchase.<br>Availability - Now |  |  |  |  |  |
|-----|---|--|--|--|--|--|

| Cost Element           |              | Skill |                           | Department |                                | Curve  | Quantity   | Units   |
|------------------------|--------------|-------|---------------------------|------------|--------------------------------|--------|------------|---------|
| A59                    | DYNCORP I&ET | P060  | COMPUTER SYSTEMS ANALYSTS | K267S      | Analvtical Laboratory Services | Linear | 116.572.00 | Dollars |
| Factors 116572 Dollars |              |       |                           |            |                                |        |            |         |

**Line Item SYS - Contingency And Escalation**

|           |                         |             |  |       |      |            |               |        |           |         |
|-----------|-------------------------|-------------|--|-------|------|------------|---------------|--------|-----------|---------|
| BOE       |                         |             |  |       |      |            |               |        |           |         |
| Resources | Cost Element            |             |  | Skill |      | Department |               | Curve  | Quantity  | Units   |
|           | CON                     | CONTINGENCY |  | 0000  | NONE | ZDEPT      | No Department | Linear | 44.017.04 | Dollars |
|           | Factors 44017.0 Dollars |             |  |       |      |            |               |        |           |         |
|           | ESC                     | ESCALATION  |  | 0000  | NONE | ZDEPT      | No Department | Linear | 20.098.12 | Dollars |
|           | Factors 20098.1 Dollars |             |  |       |      |            |               |        |           |         |

WBS No: 1HAH2010  
Activity ID: 1HAH201043

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1HAH  
Activity Filter \*  
Cost Risk 2 Schedule Risk 2  
Starts In FY \*

Activity ID: 1HAH201043 Description: AST Database

| Line Item                      | Description                | Quantity | Units | BOE Type | Labor Hours/Unit | Labor Hours Total | Labor Cost Total | Materials/ Sub Cost | Contingency & Escalation | Total Prime Cost | Burden Cost | Total Cost |
|--------------------------------|----------------------------|----------|-------|----------|------------------|-------------------|------------------|---------------------|--------------------------|------------------|-------------|------------|
| Data Delivery                  | Analytical Data Delivery   | 1.00     | each  | VQ       | 0                | 0                 | 0                | 120.602             | 0                        | 120.602          | 0           | 120.602    |
| A/S Tech Srv                   | AST/SWD Technical Services | 1.00     | each  | VQ       | 0                | 0                 | 0                | 109.322             | 0                        | 109.322          | 0           | 109.322    |
| AST DYN                        | AST/SWD Programming        | 1.00     | each  | VQ       | 0                | 0                 | 0                | 40.000              | 0                        | 40.000           | 0           | 40.000     |
| AST O&M                        | AST Operations/Maintenance | 1.00     | each  | VQ       | 0                | 0                 | 0                | 102.135             | 0                        | 102.135          | 0           | 102.135    |
| SYS                            | Contingency And Escalation | 1.00     | ea    | EE       | 0                | 0                 | 0                | 0                   | 102.894                  | 102.894          | 0           | 102.894    |
| Total for Activity 1HAH201043: |                            |          |       |          |                  | 0                 | 0                | 372.059             | 102.894                  | 474.953          | 0           | 474.953    |

**Line Item Data Delivery - Analytical Data Delivery**

**BOE**  
Vendor Name - Enabling Technology  
Vendor Quote - \$125,602  
Quote Received by - Marian Carr  
Date Received - 4/13/00  
Item being quoted - AST/SWD data processing and data delivery  
Other Info - Additional \$10,000 added to purchase computers/equipment for data delivery/EDD processing. Acutal purchase price will be based on KH IRM approved computer configurations in effect at time of purchase.  
Availability - Now

| Resources | Cost Element           |              |  | Skill |                           | Department |                                | Curve  | Quantity   | Units   |
|-----------|------------------------|--------------|--|-------|---------------------------|------------|--------------------------------|--------|------------|---------|
|           | A59                    | DYNCORP I&ET |  | P060  | COMPUTER SYSTEMS ANALYSTS | K267S      | Analytical Laboratory Services | Linear | 110.602.00 | Dollars |
|           | Factors 110602 Dollars |              |  |       |                           |            |                                |        |            |         |
|           | A5C                    | SUPPLIES     |  | 0000  | NONE                      | K267S      | Analytical Laboratory Services | Linear | 10.000.00  | Dollars |
|           | Factors 10000 Dollars  |              |  |       |                           |            |                                |        |            |         |

**Line Item A/S Tech Srv - AST/SWD Technical Services**

**BOE**  
Vendor Name - Enabling Technology  
Vendor Quote - \$290,594  
Quote Received by - Marian Carr  
Date Received - 4/13/00  
Item being quoted - Analytical Services technical support activities  
Other Info - Additional \$5,000 added to purchase computers for Analytical Services Support. Acutal purchase price will be based on KH IRM approved computer configurations in effect at time of purchase.  
Availability - Now

| Resources | Cost Element           |              | Skill |                           | Department |                                | Curve  | Quantity   | Units   |
|-----------|------------------------|--------------|-------|---------------------------|------------|--------------------------------|--------|------------|---------|
|           | A59                    | DYNCORP I&ET | P060  | COMPUTER SYSTEMS ANALYSTS | K267S      | Analytical Laboratory Services | Linear | 104,322.00 | Dollars |
|           | Factors 104322 Dollars |              |       |                           |            |                                |        |            |         |
|           | A5C                    | SUPPLIES     | 0000  | NONE                      | K267S      | Analytical Laboratory Services | Linear | 5,000.00   | Dollars |
|           | Factors 5000 Dollars   |              |       |                           |            |                                |        |            |         |

**Line Item AST DYN - AST/SWD Programming**

**BOE**  
Vendor Name - Envision Technology  
Vendor Quote - \$80,000  
Quote Received by - Marian Carr  
Date Received - 4/19/00  
Item being quoted - On-demand oracle programming support at fixed unit rate  
Other Info -  
Availability - Now

| Resources | Cost Element |              |         | Skill |                           | Department |                                | Curve  | Quantity  | Units   |
|-----------|--------------|--------------|---------|-------|---------------------------|------------|--------------------------------|--------|-----------|---------|
|           | A59          | DYNCORP I&ET |         | P060  | COMPUTER SYSTEMS ANALYSTS | K267S      | Analvtical Laboratory Services | Linear | 40.000.00 | Dollars |
|           | Factors      | 80000        | Dollars | 0.5   | Management cut            |            |                                |        |           |         |

**Line Item AST O&M - AST Operations/Maintenance**

**BOE**  
Vendor Name - Enabling Technology  
Vendor Quote - \$198572  
Quote Received by - Marian Carr  
Date Received - 4/13/00  
Item being quoted - AST/SWD and associated systems and processes operations and maintenance  
Other Info - Additional \$5,000 added to purchase computers for AST O&M. Acutal purchase price will be based on KH IRM approved computer configurations in effect at time of purchase.



WBS No: 1HAH2010  
Activity ID: 1HAH201043

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1HAH  
Activity Filter \* Starts In FY \*

Availability - Now

**Resources**

| Cost Element          |              | Skill |                           | Department |                                | Curve  | Quantity  | Units   |
|-----------------------|--------------|-------|---------------------------|------------|--------------------------------|--------|-----------|---------|
| A59                   | DYNCORP I&ET | P060  | COMPUTER SYSTEMS ANALYSTS | K267S      | Analytical Laboratory Services | Linear | 97.135.00 | Dollars |
| Factors 97135 Dollars |              |       |                           |            |                                |        |           |         |
| A5C                   | SUPPLIES     | 0000  | NONE                      | K267S      | Analytical Laboratory Services | Linear | 5.000.00  | Dollars |
| Factors 5000 Dollars  |              |       |                           |            |                                |        |           |         |

**Line Item SYS - Contingency And Escalation**

**BOE**

**Resources**

| Cost Element            |             | Skill |      | Department |               | Curve  | Quantity  | Units   |
|-------------------------|-------------|-------|------|------------|---------------|--------|-----------|---------|
| CON                     | CONTINGENCY | 0000  | NONE | ZDEPT      | No Department | Linear | 74.362.59 | Dollars |
| Factors 74362.6 Dollars |             |       |      |            |               |        |           |         |
| ESC                     | ESCALATION  | 0000  | NONE | ZDEPT      | No Department | Linear | 28.531.44 | Dollars |
| Factors 28531.4 Dollars |             |       |      |            |               |        |           |         |

Activity ID: 1HAH201044 Description: AST Database

Cost Risk 2 Schedule Risk 2

| Line Item                      | Description                | Quantity | Units | BOE Type | Labor Hours/Unit | Labor Hours Total | Labor Cost Total | Materials/ Sub Cost | Contingency & Escalation | Total Prime Cost | Burden Cost | Total Cost |
|--------------------------------|----------------------------|----------|-------|----------|------------------|-------------------|------------------|---------------------|--------------------------|------------------|-------------|------------|
| Data Delivery                  | Analytical Data Delivery   | 1.00     | each  | VQ       | 0                | 0                 | 0                | 111.021             | 0                        | 111.021          | 0           | 111.021    |
| A/S Tech Srv                   | AST/SWD Technical Services | 1.00     | each  | VQ       | 0                | 0                 | 0                | 49.571              | 0                        | 49.571           | 0           | 49.571     |
| AST DYN                        | AST/SWD Programming        | 1.00     | each  | VQ       | 0                | 0                 | 0                | 20.000              | 0                        | 20.000           | 0           | 20.000     |
| AST O&M                        | AST Operations/Maintenance | 1.00     | each  | VQ       | 0                | 0                 | 0                | 102.528             | 0                        | 102.528          | 0           | 102.528    |
| SYS                            | Contingency And Escalation | 1.00     | lea   | EE       | 0                | 0                 | 0                | 0                   | 40.349                   | 40.349           | 0           | 40.349     |
| Total for Activity 1HAH201044: |                            |          |       |          |                  | 0                 | 0                | 283.120             | 40.349                   | 323.469          | 0           | 323.469    |

**Line Item Data Delivery - Analytical Data Delivery**

**BOE**

Vendor Name - Enabling Technology  
Vendor Quote - \$125,602  
Quote Received by - Marian Carr  
Date Received - 4/13/00  
Item being quoted - AST/SWD data processing and data delivery  
Other Info - Additional \$10,000 added to purchase computers/equipment for data delivery/EDD processing. Actual purchase price will be based on KH IRM approved computer configurations in effect at time of purchase.  
Availability - Now

**Resources**

| Cost Element           |              | Skill |                           | Department |                                | Curve  | Quantity   | Units   |
|------------------------|--------------|-------|---------------------------|------------|--------------------------------|--------|------------|---------|
| A59                    | DYNCORP I&ET | P060  | COMPUTER SYSTEMS ANALYSTS | K267S      | Analytical Laboratory Services | Linear | 111.021.00 | Dollars |
| Factors 111021 Dollars |              |       |                           |            |                                |        |            |         |

**Line Item A/S Tech Srv - AST/SWD Technical Services**

**BOE**

Vendor Name - Enabling Technology  
Vendor Quote - \$290,594  
Quote Received by - Marian Carr  
Date Received - 4/13/00  
Item being quoted - Analytical Services technical support activities  
Other Info - Additional \$5,000 added to purchase computers for Analytical Services Support. Actual purchase price will be based on KH IRM approved computer configurations in effect at time of purchase.  
Availability - Now

**Resources**

| Cost Element          |              | Skill |                           | Department |                                | Curve  | Quantity  | Units   |
|-----------------------|--------------|-------|---------------------------|------------|--------------------------------|--------|-----------|---------|
| A59                   | DYNCORP I&ET | P060  | COMPUTER SYSTEMS ANALYSTS | K267S      | Analytical Laboratory Services | Linear | 49.571.00 | Dollars |
| Factors 49571 Dollars |              |       |                           |            |                                |        |           |         |

**Line Item AST DYN - AST/SWD Programming**

**BOE**

Vendor Name - Envision Technology  
Vendor Quote - \$80,000  
Quote Received by - Marian Carr  
Date Received - 4/19/00  
Item being quoted - On-demand oracle programming support at fixed unit rate  
Other Info -  
Availability - Now

WBS No: 1HAH2010  
Activity ID: 1HAH201044

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1HAH  
Activity Filter \*

Starts In FY \*

| Resources | Cost Element |               |         | Skill |                           | Department |                                | Curve  | Quantity  | Units   |
|-----------|--------------|---------------|---------|-------|---------------------------|------------|--------------------------------|--------|-----------|---------|
|           | A59          | DYNACORP I&ET |         | P060  | COMPUTER SYSTEMS ANALYSTS | K267S      | Analvtical Laboratory Services | Linear | 20.000.00 | Dollars |
|           | Factors      | 40000         | Dollars | 0.5   | Management cut            |            |                                |        |           |         |

**Line Item AST O&M - AST Operations/Maintenance**

|     |   |
|-----|---|
| BOE | Vendor Name - Enabling Technology<br>Vendor Quote - \$198572<br>Quote Received by - Marian Carr<br>Date Received - 4/13/00<br>Item being quoted - AST/SWD and associated systems and processes operations and maintenance<br>Other Info - Additional \$5,000 added to purchase computers for AST O&M. Acutal purchase price will be based on KH IRM approved computer configurations in effect at time of purchase.<br>Availability - Now |
|-----|---|

| Resources | Cost Element          |              |  | Skill |                           | Department |                                | Curve  | Quantity  | Units   |
|-----------|-----------------------|--------------|--|-------|---------------------------|------------|--------------------------------|--------|-----------|---------|
|           | A59                   | DYNCORP I&ET |  | P060  | COMPUTER SYSTEMS ANALYSTS | K267S      | Analvtical Laboratory Services | Linear | 97.528.00 | Dollars |
|           | Factors 97528 Dollars |              |  |       |                           |            |                                |        |           |         |
|           | A5C                   | SUPPLIES     |  | 0000  | NONE                      | K267S      | Analvtical Laboratory Services | Linear | 5.000.00  | Dollars |
|           | Factors 5000 Dollars  |              |  |       |                           |            |                                |        |           |         |

**Line Item SYS - Contingency And Escalation**

|           |                                |             |      |              |       |                   |        |              |                 |              |
|-----------|--------------------------------|-------------|------|--------------|-------|-------------------|--------|--------------|-----------------|--------------|
| BOE       |                                |             |      |              |       |                   |        |              |                 |              |
| Resources |                                |             |      |              |       |                   |        |              |                 |              |
|           | <i>Cost Element</i>            |             |      | <i>Skill</i> |       | <i>Department</i> |        | <i>Curve</i> | <i>Quantity</i> | <i>Units</i> |
|           | CON                            | CONTINGENCY | 0000 | NONE         | ZDEPT | No Department     | Linear | 13.164.57    | Dollars         |              |
|           | <i>Factors</i> 13164.6 Dollars |             |      |              |       |                   |        |              |                 |              |
|           | ESC                            | ESCALATION  | 0000 | NONE         | ZDEPT | No Department     | Linear | 27.184.13    | Dollars         |              |
|           | <i>Factors</i> 27184.1 Dollars |             |      |              |       |                   |        |              |                 |              |

Activity ID: 1HAH201045 Description: AST Database

Cost Risk 2 Schedule Risk 2

| Line Item                      | Description                | Quantity | Units | BOE Type | Labor Hours/Unit | Labor Hours Total | Labor Cost Total | Materials/ Sub Cost | Contingency & Escalation | Total Prime Cost | Burden Cost | Total Cost |
|--------------------------------|----------------------------|----------|-------|----------|------------------|-------------------|------------------|---------------------|--------------------------|------------------|-------------|------------|
| Data Delivery                  | Analytical Data Delivery   | 1.00     | each  | VQ       | 0                | 0                 | 0                | 100.602             | 0                        | 100.602          | 0           | 100.602    |
| A/S Tech Srv                   | AST/SWD Technical Services | 1.00     | each  | VQ       | 0                | 0                 | 0                | 44.532              | 0                        | 44.532           | 0           | 44.532     |
| AST O&M                        | AST Operations/Maintenance | 1.00     | each  | VQ       | 0                | 0                 | 0                | 116.572             | 0                        | 116.572          | 0           | 116.572    |
| SYS                            | Contingency And Escalation | 1.00     | ea    | EE       | 0                | 0                 | 0                | 0                   | 139.643                  | 139.643          | 0           | 139.643    |
| Total for Activity 1HAH201045: |                            |          |       |          |                  | 0                 | 0                | 261.706             | 139.643                  | 401.349          | 0           | 401.349    |

**Line Item Data Delivery - Analytical Data Delivery**

|     |  |
|-----|--|
| BOE | Vendor Name - Enabling Technology<br>Vendor Quote - \$125,602<br>Quote Received by - Marian Carr<br>Date Received - 4/13/00<br>Item being quoted - AST/SWD data processing and data delivery<br>Other Info - Additional \$10,000 added to purchase computers/equipment for data delivery/EDD processing. Acutal purchase price will be based on KH IRM approved computer configurations in effect at time of purchase.<br>Availability - Now |
|-----|--|

| Resources | Cost Element           |              | Skill |                           | Department |                                | Curve  | Quantity   | Units   |
|-----------|------------------------|--------------|-------|---------------------------|------------|--------------------------------|--------|------------|---------|
|           | A59                    | DYNCORP I&ET | P060  | COMPUTER SYSTEMS ANALYSTS | K267S      | Analvtical Laboratory Services | Linear | 100.602.00 | Dollars |
|           | Factors 100602 Dollars |              |       |                           |            |                                |        |            |         |

**Line Item A/S Tech Srv - AST/SWD Technical Services**

|     |   |
|-----|---|
| BOE | Vendor Name - Enabling Technology<br>Vendor Quote - \$290,594<br>Quote Received by - Marian Carr<br>Date Received - 4/13/00<br>Item being quoted - Analytical Services technical support activities<br>Other Info - Additional \$5,000 added to purchase computers for Analytical Services Support. Acutal purchase price will be based on KH IRM approved computer configurations in effect at time of purchase.<br>Availability - Now |
|-----|---|

| Resources | Cost Element | Skill | Department | Curve | Quantity | Units |
|-----------|--------------|-------|------------|-------|----------|-------|
|-----------|--------------|-------|------------|-------|----------|-------|

WBS No: 1HAH2010  
Activity ID: 1HAH201045

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1HAH  
Activity Filter \*

Starts In FY \*

|     |              |      |                           |       |                                |        |           |         |
|-----|--------------|------|---------------------------|-------|--------------------------------|--------|-----------|---------|
| A59 | DYNCORP I&ET | P060 | COMPUTER SYSTEMS ANALYSTS | K267S | Analytical Laboratory Services | Linear | 44,532.00 | Dollars |
|-----|--------------|------|---------------------------|-------|--------------------------------|--------|-----------|---------|

Factors 44532 Dollars

**Line Item AST O&M - AST Operations/Maintenance**

BOE

Vendor Name - Enabling Technology  
Vendor Quote - \$198572  
Quote Received by - Marian Carr  
Date Received - 4/13/00  
Item being quoted - AST/SWD and associated systems and processes operations and maintenance  
Other Info - Additional \$5,000 added to purchase computers for AST O&M. Acutal purchase price will be based on KH IRM approved computer configurations in effect at time of purchase.  
Availability - Now

Resources

| Cost Element |              | Skill |                           | Department |                                | Curve  | Quantity   | Units   |
|--------------|--------------|-------|---------------------------|------------|--------------------------------|--------|------------|---------|
| A59          | DYNCORP I&ET | P060  | COMPUTER SYSTEMS ANALYSTS | K267S      | Analytical Laboratory Services | Linear | 116,572.00 | Dollars |

Factors 116572 Dollars

**Line Item SYS - Contingency And Escalation**

BOE

Resources

| Cost Element |             | Skill |      | Department |               | Curve  | Quantity  | Units   |
|--------------|-------------|-------|------|------------|---------------|--------|-----------|---------|
| CON          | CONTINGENCY | 0000  | NONE | ZDEPT      | No Department | Linear | 99,101.11 | Dollars |

Factors 99101.1 Dollars

|     |            |      |      |       |               |        |           |         |
|-----|------------|------|------|-------|---------------|--------|-----------|---------|
| ESC | ESCALATION | 0000 | NONE | ZDEPT | No Department | Linear | 40,542.31 | Dollars |
|-----|------------|------|------|-------|---------------|--------|-----------|---------|

Factors 40542.3 Dollars

Activity ID: 1HAH201046 Description: AST Database

Cost Risk 2 Schedule Risk 2

| Line Item                      | Description                | Quantity | Units | BOE Type | Labor Hours/Unit | Labor Hours Total | Labor Cost Total | Materials/ Sub Cost | Contingency & Escalation | Total Prime Cost | Burden Cost | Total Cost |
|--------------------------------|----------------------------|----------|-------|----------|------------------|-------------------|------------------|---------------------|--------------------------|------------------|-------------|------------|
| Data Delivery                  | Analytical Data Delivery   | 1.00     | each  | VQ       | 0                | 0                 | 0                | 25,151              | 0                        | 25,151           | 0           | 25,151     |
| A/S Tech Srv                   | AST/SWD Technical Services | 1.00     | each  | VQ       | 0                | 0                 | 0                | 20,000              | 0                        | 20,000           | 0           | 20,000     |
| AST O&M                        | AST Operations/Maintenance | 1.00     | each  | VQ       | 0                | 0                 | 0                | 18,112              | 0                        | 18,112           | 0           | 18,112     |
| SYS                            | Contingency And Escalation | 1.00     | ea    | EE       | 0                | 0                 | 0                | 0                   | 26,511                   | 26,511           | 0           | 26,511     |
| Total for Activity 1HAH201046: |                            |          |       |          |                  | 0                 | 0                | 63,263              | 26,511                   | 89,774           | 0           | 89,774     |

**Line Item Data Delivery - Analytical Data Delivery**

BOE

Vendor Name - Enabling Technology  
Vendor Quote - \$125,602  
Quote Received by - Marian Carr  
Date Received - 4/13/00  
Item being quoted - AST/SWD data processing and data delivery  
Other Info - Additional \$10,000 added to purchase computers/equipment for data delivery/EDD processing. Acutal purchase price will be based on KH IRM approved computer configurations in effect at time of purchase.  
Availability - Now

Resources

| Cost Element |              | Skill |                           | Department |                                | Curve  | Quantity  | Units   |
|--------------|--------------|-------|---------------------------|------------|--------------------------------|--------|-----------|---------|
| A59          | DYNCORP I&ET | P060  | COMPUTER SYSTEMS ANALYSTS | K267S      | Analytical Laboratory Services | Linear | 25,151.00 | Dollars |

Factors 25151 Dollars

**Line Item A/S Tech Srv - AST/SWD Technical Services**

BOE

Vendor Name - Enabling Technology  
Vendor Quote - \$290,594  
Quote Received by - Marian Carr  
Date Received - 4/13/00  
Item being quoted - Analytical Services technical support activities  
Other Info - Additional \$5,000 added to purchase computers for Analytical Services Support. Acutal purchase price will be based on KH IRM approved computer configurations in effect at time of purchase.  
Availability - Now

Resources

| Cost Element |              | Skill |                           | Department |                                | Curve  | Quantity  | Units   |
|--------------|--------------|-------|---------------------------|------------|--------------------------------|--------|-----------|---------|
| A59          | DYNCORP I&ET | P060  | COMPUTER SYSTEMS ANALYSTS | K267S      | Analytical Laboratory Services | Linear | 20,000.00 | Dollars |

Factors 20000 Dollars

WBS No: 1HAH2010  
Activity ID: 1HAH201046

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1HAH  
Activity Filter \*

Starts In FY \*

**Line Item AST O&M - AST Operations/Maintenance**

|     |   |  |  |  |  |  |  |  |  |  |  |  |
|-----|---|--|--|--|--|--|--|--|--|--|--|--|
| BOE | Vendor Name - Enabling Technology<br>Vendor Quote - \$198572<br>Quote Received by - Marian Carr<br>Date Received - 4/13/00<br>Item being quoted - AST/SWD and associated systems and processes operations and maintenance<br>Other Info - Additional \$5,000 added to purchase computers for AST O&M. Acutal purchase price will be based on KH IRM approved computer configurations in effect at time of purchase.<br>Availability - Now |  |  |  |  |  |  |  |  |  |  |  |
|-----|---|--|--|--|--|--|--|--|--|--|--|--|

| Resources | Cost Element |              | Skill |                           | Department |                                | Curve  | Quantity  | Units   |
|-----------|--------------|--------------|-------|---------------------------|------------|--------------------------------|--------|-----------|---------|
|           | A59          | DYNCORP I&ET | P060  | COMPUTER SYSTEMS ANALYSTS | K267S      | Analytical Laboratory Services | Linear | 18.112.00 | Dollars |

Factors 18112 Dollars

**Line Item SYS - Contingency And Escalation**

|           |                         |             |  |       |      |            |               |        |           |         |
|-----------|-------------------------|-------------|--|-------|------|------------|---------------|--------|-----------|---------|
| BOE       |                         |             |  |       |      |            |               |        |           |         |
| Resources | Cost Element            |             |  | Skill |      | Department |               | Curve  | Quantity  | Units   |
|           | CON                     | CONTINGENCY |  | 0000  | NONE | ZDEPT      | No Department | Linear | 14.559.15 | Dollars |
|           | Factors 14559.2 Dollars |             |  |       |      |            |               |        |           |         |
|           | ESC                     | ESCALATION  |  | 0000  | NONE | ZDEPT      | No Department | Linear | 11.951.48 | Dollars |

Factors 11951.5 Dollars

Activity ID: 1HAH201051 Description: Database Svstem Integration

Cost Risk 1 Schedule Risk 1

| Line Item                      | Description                | Quantity | Units | BOE Type | Labor Hours/Unit | Labor Hours Total | Labor Cost Total | Materials/ Sub Cost | Contingency & Escalation | Total Prime Cost | Burden Cost | Total Cost |
|--------------------------------|----------------------------|----------|-------|----------|------------------|-------------------|------------------|---------------------|--------------------------|------------------|-------------|------------|
| Audits                         | Audits and Assessments     | 1.00     | each  | VQ       | 0                | 0                 | 0                | 56.639              | 0                        | 56.639           | 0           | 56.639     |
| KH Labor                       | KH Labor                   | 1.00     | ea    | EE       | 1.850            | 1.850             | 78.829           | 10.000              | 0                        | 88.829           | 37.601      | 126.430    |
| SOPs                           | Guidance/Training          | 1.00     | ea    | VQ       | 0                | 0                 | 0                | 52.594              | 0                        | 52.594           | 0           | 52.594     |
| SYS                            | Contingency And Escalation | 1.00     | ea    | EE       | 0                | 0                 | 0                | 0                   | 12.467                   | 12.467           | 0           | 12.467     |
| Total for Activity 1HAH201051: |                            |          |       |          |                  | 1.850             | 78.829           | 119.233             | 12.467                   | 210.528          | 37.601      | 248.129    |

**Line Item Audits - Audits and Assessments**

|     |   |  |  |  |  |  |  |  |  |  |  |  |
|-----|---|--|--|--|--|--|--|--|--|--|--|--|
| BOE | Vendor Name - IT Corporation<br>Vendor Quote - \$70,000<br>Quote Received by - Marian Carr<br>Date Received - 4/7/00<br>Item being quoted - Audits/Assessments for air and ecology programs and follow up assessments for groundwater and surface water programs<br>Other Info -<br>Availability - Now<br><br>This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions. |  |  |  |  |  |  |  |  |  |  |  |
|-----|---|--|--|--|--|--|--|--|--|--|--|--|

| Resources | Cost Element |                    | Skill |                          | Department |                                | Curve       | Quantity  | Units   |
|-----------|--------------|--------------------|-------|--------------------------|------------|--------------------------------|-------------|-----------|---------|
|           | A5H          | SUBCONTRACTED SRVS | S020  | ENVIRONMENTAL SCIENTISTS | K267S      | Analytical Laboratory Services | Back Loaded | 56.639.40 | Dollars |

Factors 70000 Dollars

0.80913 [SYS 061400] .80704 - Svstem

**Line Item KH Labor - KH Labor**

|     |  |  |  |  |  |  |  |  |  |  |  |  |
|-----|--|--|--|--|--|--|--|--|--|--|--|--|
| BOE | Estimators Experience - I work here<br>Experience Item Desc - My labor<br>Breakdown of Cost Data:<br>Item - 1<br>Units - ea<br>Unit Cost - KH labor rate<br>Unit Cost Adjustment factor -<br>Revised Unit Cost -<br>Basis for adjustment - |  |  |  |  |  |  |  |  |  |  |  |
|-----|--|--|--|--|--|--|--|--|--|--|--|--|

| Resources | Cost Element |                    | Skill |                            | Department |                                | Curve  | Quantity | Units |
|-----------|--------------|--------------------|-------|----------------------------|------------|--------------------------------|--------|----------|-------|
|           | 750          | STRAIGHT TIME BASE | M030  | MANAGEMENT INTEGRATORS (GR | K267S      | Analytical Laboratory Services | Linear | 1.850.00 | Hours |

Factors 1850 Hr

WBS No: 1HAH2010  
Activity ID: 1HAH201051

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project  
WBS Filter  
Activity Filter  
Baseline Devl  
1HAH  
\*

Starts In FY \*

|         |                      |         |      |       |                                |        |          |         |
|---------|----------------------|---------|------|-------|--------------------------------|--------|----------|---------|
| A5C     | SUPPLIES             | 0000    | NONE | K267S | Analytical Laboratory Services | Linear | 1,500.00 | Dollars |
| Factors | 1500                 | Dollars |      |       |                                |        |          |         |
| A5C     | SUPPLIES             | 0000    | NONE | K267S | Analytical Laboratory Services | Linear | 3,500.00 | Dollars |
| Factors | 3500                 | Dollars |      |       |                                |        |          |         |
| A5M     | TRAVEL/TRAIN/RELOCAT | 0000    | NONE | K267S | Analytical Laboratory Services | Linear | 5,000.00 | Dollars |
| Factors | 5000                 | Dollars |      |       |                                |        |          |         |

**Line Item SOPs - Guidance/Training**

|     |   |
|-----|---|
| BOE | Estimators Experience - Marian Carr 3 years overseeing environmental data systems at RFETS and analyzing systems and identifying areas for improvement including process evaluations and data quality improvements<br>Experience Item Desc - Guidelines and standard operating procedures<br>Breakdown of Cost Data:<br>Item 500<br>Units - Hours<br>Unit Cost -<br>Unit Cost Adjustment factor -<br>Revised Unit Cost -<br>Basis for adjustment -<br><br>This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions. |
|-----|---|

|           |                                 |                    |       |                          |            |                                |        |           |         |
|-----------|---------------------------------|--------------------|-------|--------------------------|------------|--------------------------------|--------|-----------|---------|
| Resources | Cost Element                    |                    | Skill |                          | Department |                                | Curve  | Quantity  | Units   |
|           | A5H                             | SUBCONTRACTED SRVS | S020  | ENVIRONMENTAL SCIENTISTS | K267S      | Analytical Laboratory Services | Linear | 52,593.73 | Dollars |
|           | Factors      65000      Dollars |                    |       |                          |            |                                |        |           |         |

0.80913 [SYS 061400] .80704 - System

**Line Item SYS - Contingency And Escalation**

|           |                         |             |  |       |      |            |               |        |          |         |
|-----------|-------------------------|-------------|--|-------|------|------------|---------------|--------|----------|---------|
| BOE       |                         |             |  |       |      |            |               |        |          |         |
| Resources | Cost Element            |             |  | Skill |      | Department |               | Curve  | Quantity | Units   |
|           | CON                     | CONTINGENCY |  | 0000  | NONE | ZDEPT      | No Department | Linear | 7,511.14 | Dollars |
|           | Factors 7511.15 Dollars |             |  |       |      |            |               |        |          |         |
|           | ESC                     | ESCALATION  |  | 0000  | NONE | ZDEPT      | No Department | Linear | 4,955.46 | Dollars |
|           | Factors 4955.46 Dollars |             |  |       |      |            |               |        |          |         |

Activity ID: 1HAH201052 Description: Database System Integration

Cost Risk 1 Schedule Risk 1

| Line Item                      | Description                | Quantity | Units | BOE Type | Labor Hours/Unit | Labor Hours Total | Labor Cost Total | Materials/ Sub Cost | Contingency & Escalation | Total Prime Cost | Burden Cost | Total Cost |
|--------------------------------|----------------------------|----------|-------|----------|------------------|-------------------|------------------|---------------------|--------------------------|------------------|-------------|------------|
| Audits                         | Audits and Assessments     | 1.00     | each  | VQ       | 0                | 0                 | 0                | 27,511              | 0                        | 27,511           | 0           | 27,511     |
| KH Labor                       | KH Labor                   | 1.00     | ea    | EE       | 1,850            | 1,850             | 78,829           | 10,000              | 0                        | 88,829           | 27,826      | 116,655    |
| SOPs                           | Guidance/Training          | 1.00     | ea    | VQ       | 0                | 0                 | 0                | 16,183              | 0                        | 16,183           | 0           | 16,183     |
| SYS                            | Contingency And Escalation | 1.00     | ea    | EE       | 0                | 0                 | 0                | 0                   | 23,904                   | 23,904           | 0           | 23,904     |
| Total for Activity 1HAH201052: |                            |          |       |          |                  | 1,850             | 78,829           | 53,693              | 23,904                   | 156,426          | 27,826      | 184,253    |

**Line Item Audits - Audits and Assessments**

|     |   |
|-----|---|
| BOE | Vendor Name - IT Corporation<br>Vendor Quote - \$70,000<br>Quote Received by - Marian Carr<br>Date Received - 4/7/00<br>Item being quoted - Audits/Assessments for air and ecology programs and follow up assessments for groundwater and surface water programs<br>Other Info -<br>Availability - Now<br><br>This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions. |
|-----|---|

|           |              |                    |  |       |                          |            |       |                                |          |             |           |         |
|-----------|--------------|--------------------|--|-------|--------------------------|------------|-------|--------------------------------|----------|-------------|-----------|---------|
| Resources |              |                    |  |       |                          |            |       |                                |          |             |           |         |
|           | Cost Element |                    |  | Skill |                          | Department |       | Curve                          | Quantity | Units       |           |         |
|           | A5H          | SUBCONTRACTED SRVS |  | S020  | ENVIRONMENTAL SCIENTISTS |            | K267S | Analytical Laboratory Services |          | Back Loaded | 27,510.56 | Dollars |
| Factors   | 34000        | Dollars            |  |       |                          |            |       |                                |          |             |           |         |

0.80913 [SYS 061400] .80704 - System

**Line Item KH Labor - KH Labor**

|     |   |
|-----|---|
| BOE | Estimators Experience -<br>Experience Item Desc - |
|-----|---|

WBS No: 1HAH2010  
Activity ID: 1HAH201052

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1HAH  
Activity Filter \* Starts In FY \*

Breakdown of Cost Data:  
Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor -  
Revised Unit Cost -  
Basis for adjustment -

| Resources |                      | Cost Element | Skill                      | Department | Curve                          | Quantity | Units            |
|-----------|----------------------|--------------|----------------------------|------------|--------------------------------|----------|------------------|
| 750       | STRAIGHT TIME BASE   | M030         | MANAGEMENT INTEGRATORS (GR | K267S      | Analytical Laboratory Services | Linear   | 1.850.00 Hours   |
| Factors   | 1850                 | Hr           |                            |            |                                |          |                  |
| A5C       | SUPPLIES             | 0000         | NONE                       | K267S      | Analytical Laboratory Services | Linear   | 1.500.00 Dollars |
| Factors   | 1500                 | Dollars      |                            |            |                                |          |                  |
| A5C       | SUPPLIES             | 0000         | NONE                       | K267S      | Analytical Laboratory Services | Linear   | 3.500.00 Dollars |
| Factors   | 3500                 | Dollars      |                            |            |                                |          |                  |
| A5M       | TRAVEL/TRAIN/RELOCAT | 0000         | NONE                       | K267S      | Analytical Laboratory Services | Linear   | 5.000.00 Dollars |
| Factors   | 5000                 | Dollars      |                            |            |                                |          |                  |

**Line Item SOPs - Guidance/Training**

|     |   |  |  |  |  |  |  |
|-----|---|--|--|--|--|--|--|
| BOE | Estimators Experience - Marian Carr 3 years overseeing environmental data systems at RFETS and analyzing systems and identifying areas for improvement including process evaluations and data quality improvements<br>Experience Item Desc - Guidelines and standard operating procedures<br>Breakdown of Cost Data:<br>Item 500<br>Units - Hours<br>Unit Cost -<br>Unit Cost Adjustment factor -<br>Revised Unit Cost -<br>Basis for adjustment -<br><br>This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions. |  |  |  |  |  |  |
|-----|---|--|--|--|--|--|--|

| Resources |                    | Cost Element | Skill                    | Department     | Curve                          | Quantity | Units             |
|-----------|--------------------|--------------|--------------------------|----------------|--------------------------------|----------|-------------------|
| A5H       | SUBCONTRACTED SRVS | S020         | ENVIRONMENTAL SCIENTISTS | K267S          | Analytical Laboratory Services | Linear   | 16.182.68 Dollars |
| Factors   | 40000              | Dollars      | 0.5                      | Management cut |                                |          |                   |

0.80913 [SYS 061400] .80704 - System

**Line Item SYS - Contingency And Escalation**

| BOE       |             |              |       |            |               |          |                   |
|-----------|-------------|--------------|-------|------------|---------------|----------|-------------------|
| Resources |             | Cost Element | Skill | Department | Curve         | Quantity | Units             |
| CON       | CONTINGENCY | 0000         | NONE  | ZDEPT      | No Department | Linear   | 16.411.14 Dollars |
| Factors   | 16411.1     | Dollars      |       |            |               |          |                   |
| ESC       | ESCALATION  | 0000         | NONE  | ZDEPT      | No Department | Linear   | 7.493.30 Dollars  |
| Factors   | 7493.30     | Dollars      |       |            |               |          |                   |

Activity ID: 1HAH201053 Description: Database System Integration

Cost Risk 1 Schedule Risk 1

| Line Item                      | Description                | Quantity | Units | BOE Type | Labor Hours/Unit | Labor Hours Total | Labor Cost Total | Materials/ Sub Cost | Contingency & Escalation | Total Prime Cost | Burden Cost | Total Cost |
|--------------------------------|----------------------------|----------|-------|----------|------------------|-------------------|------------------|---------------------|--------------------------|------------------|-------------|------------|
| Audits                         | Audits and Assessments     | 1.00     | each  | VQ       | 0                | 0                 | 0                | 11.328              | 0                        | 11.328           | 0           | 11.328     |
| KH Labor                       | KH Labor                   | 1.00     | ea    | EE       | 1.850            | 1.850             | 78.829           | 10.000              | 0                        | 88.829           | 27.275      | 116.103    |
| SOPs                           | Guidance/Training          | 1.00     | ea    | VQ       | 0                | 0                 | 0                | 16.183              | 0                        | 16.183           | 0           | 16.183     |
| SYS                            | Contingency And Escalation | 1.00     | ea    | EE       | 0                | 0                 | 0                | 0                   | 39.717                   | 39.717           | 0           | 39.717     |
| Total for Activity 1HAH201053: |                            |          |       |          |                  | 1.850             | 78.829           | 37.511              | 39.717                   | 156.056          | 27.275      | 183.331    |

**Line Item Audits - Audits and Assessments**

|     |  |  |  |  |  |  |  |  |  |  |  |  |
|-----|--|--|--|--|--|--|--|--|--|--|--|--|
| BOE | Vendor Name - IT Corporation<br>Vendor Quote - \$70,000<br>Quote Received by - Marian Carr<br>Date Received - 4/7/00<br>Item being quoted - Audits/Assessments for air and ecology programs and follow up assessments for groundwater and surface water programs<br>Other Info - |  |  |  |  |  |  |  |  |  |  |  |
|-----|--|--|--|--|--|--|--|--|--|--|--|--|

WBS No: 1HAH2010  
Activity ID: 1HAH201053

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1HAH  
Activity Filter \* Starts In FY \*

Availability - Now

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

| Resources |                    | Cost Element | Skill                    | Department | Curve                          | Quantity    | Units            |
|-----------|--------------------|--------------|--------------------------|------------|--------------------------------|-------------|------------------|
| A5H       | SUBCONTRACTED SRVS | S020         | ENVIRONMENTAL SCIENTISTS | K267S      | Analytical Laboratory Services | Back Loaded | 11.327.88Dollars |
| Factors   | 14000              | Dollars      |                          |            |                                |             |                  |

0.80913 [SYS 061400] .80704 - System

**Line Item KH Labor - KH Labor**

|     |  |
|-----|--|
| BOE | Estimators Experience -<br>Experience Item Desc -<br>Breakdown of Cost Data:<br>Item -<br>Units -<br>Unit Cost -<br>Unit Cost Adjustment factor -<br>Revised Unit Cost -<br>Basis for adjustment - |
|-----|--|

| Resources |                      | Cost Element | Skill                      | Department | Curve                          | Quantity | Units           |
|-----------|----------------------|--------------|----------------------------|------------|--------------------------------|----------|-----------------|
| 750       | STRAIGHT TIME BASE   | M030         | MANAGEMENT INTEGRATORS (GR | K267S      | Analytical Laboratory Services | Linear   | 1.850.00Hours   |
| Factors   | 1850                 | Hr           |                            |            |                                |          |                 |
| A5C       | SUPPLIES             | 0000         | NONE                       | K267S      | Analytical Laboratory Services | Linear   | 1.500.00Dollars |
| Factors   | 1500                 | Dollars      |                            |            |                                |          |                 |
| A5C       | SUPPLIES             | 0000         | NONE                       | K267S      | Analytical Laboratory Services | Linear   | 3.500.00Dollars |
| Factors   | 3500                 | Dollars      |                            |            |                                |          |                 |
| A5M       | TRAVEL/TRAIN/RELOCAT | 0000         | NONE                       | K267S      | Analytical Laboratory Services | Linear   | 5.000.00Dollars |
| Factors   | 5000                 | Dollars      |                            |            |                                |          |                 |

**Line Item SOPs - Guidance/Training**

|     |  |
|-----|--|
| BOE | Estimators Experience - Marian Carr 3 years overseeing environmental data systems at RFETS and analyzing systems and identifying areas for improvement including process evaluations and data quality improvements<br>Experience Item Desc - Guidelines and standard operating procedures<br>Breakdown of Cost Data:<br>Item 500<br>Units - Hours<br>Unit Cost -<br>Unit Cost Adjustment factor -<br>Revised Unit Cost -<br>Basis for adjustment - |
|-----|--|

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

| Resources |                    | Cost Element | Skill                    | Department     | Curve                          | Quantity | Units            |
|-----------|--------------------|--------------|--------------------------|----------------|--------------------------------|----------|------------------|
| A5H       | SUBCONTRACTED SRVS | S020         | ENVIRONMENTAL SCIENTISTS | K267S          | Analytical Laboratory Services | Linear   | 16.182.68Dollars |
| Factors   | 40000              | Dollars      | 0.5                      | Management cut |                                |          |                  |

0.80913 [SYS 061400] .80704 - System

**Line Item SYS - Contingency And Escalation**

|           |              |             |         |       |         |            |               |        |           |         |
|-----------|--------------|-------------|---------|-------|---------|------------|---------------|--------|-----------|---------|
| BOE       |              |             |         |       |         |            |               |        |           |         |
| Resources | Cost Element |             |         | Skill |         | Department |               | Curve  | Quantity  | Units   |
|           | CON          | CONTINGENCY |         | 0000  | NONE    | ZDEPT      | No Department | Linear | 28.703.75 | Dollars |
|           | Factors      |             | 28703.8 |       | Dollars |            |               |        |           |         |
|           | ESC          | ESCALATION  |         | 0000  | NONE    | ZDEPT      | No Department | Linear | 11.013.06 | Dollars |
|           | Factors      |             | 11013.1 |       | Dollars |            |               |        |           |         |

Activity ID: 1HAH201054 Description: Database System Integration

Cost Risk 1 Schedule Risk 1

| Line Item | Description       | Quantity | Units | BOE Type | Labor Hours/Unit | Labor Hours Total | Labor Cost Total | Materials/ Sub Cost | Contingency & Escalation | Total Prime Cost | Burden Cost | Total Cost |
|-----------|-------------------|----------|-------|----------|------------------|-------------------|------------------|---------------------|--------------------------|------------------|-------------|------------|
| KH Labor  | KH Labor          | 1.00     | ea    | EE       | 1.850            | 1.850             | 78.829           | 10.000              | 0                        | 88.829           | 22.230      | 111.058    |
| SOPs      | Guidance/Training | 1.00     | ea    | VQ       | 0                | 0                 | 0                | 16.183              | 0                        | 16.183           | 0           | 16.183     |

WBS No: 1HAH2010  
Activity ID: 1HAH201054

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1HAH  
Activity Filter \* Starts In FY \*

|                                |                            |      |    |    |   |       |        |        |        |         |        |         |
|--------------------------------|----------------------------|------|----|----|---|-------|--------|--------|--------|---------|--------|---------|
| SYS                            | Contingency And Escalation | 1.00 | ea | EE | 0 | 0     | 0      | 0      | 18.134 | 18.134  | 0      | 18.134  |
| Total for Activity 1HAH201054: |                            |      |    |    |   | 1.850 | 78.829 | 26.183 | 18.134 | 123.145 | 22.230 | 145.374 |

**Line Item KH Labor - KH Labor**

|     |  |
|-----|--|
| BOE | Estimators Experience -<br>Experience Item Desc -<br>Breakdown of Cost Data:<br>Item -<br>Units -<br>Unit Cost -<br>Unit Cost Adjustment factor -<br>Revised Unit Cost -<br>Basis for adjustment - |
|-----|--|

| Resources | Cost Element |                      | Skill |                            | Department |                                | Curve  | Quantity | Units   |
|-----------|--------------|----------------------|-------|----------------------------|------------|--------------------------------|--------|----------|---------|
|           | 750          | STRAIGHT TIME BASE   | M030  | MANAGEMENT INTEGRATORS (GR | K267S      | Analvtical Laboratory Services | Linear | 1.850.00 | Hours   |
|           | Factors      | 1850 Hr              |       |                            |            |                                |        |          |         |
|           | A5C          | SUPPLIES             | 0000  | NONE                       | K267S      | Analvtical Laboratory Services | Linear | 3.500.00 | Dollars |
|           | Factors      | 3500 Dollars         |       |                            |            |                                |        |          |         |
|           | A5C          | SUPPLIES             | 0000  | NONE                       | K267S      | Analvtical Laboratory Services | Linear | 1.500.00 | Dollars |
|           | Factors      | 1500 Dollars         |       |                            |            |                                |        |          |         |
|           | A5M          | TRAVEL/TRAIN/RELOCAT | 0000  | NONE                       | K267S      | Analvtical Laboratory Services | Linear | 5.000.00 | Dollars |
|           | Factors      | 5000 Dollars         |       |                            |            |                                |        |          |         |

**Line Item SOPs - Guidance/Training**

|   |  |
|---|--|
| BOE   | Estimators Experience - Marian Carr 3 years overseeing environmental data systems at RFETS and analyzing systems and identifying areas for improvement including process evaluations and data quality improvements<br>Experience Item Desc - Guidelines and standard operating procedures<br>Breakdown of Cost Data:<br>Item 500<br>Units - Hours<br>Unit Cost -<br>Unit Cost Adjustment factor -<br>Revised Unit Cost -<br>Basis for adjustment - |
| This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions. |  |

| Resources | Cost Element |                    | Skill |                          | Department |                                | Curve  | Quantity  | Units   |
|-----------|--------------|--------------------|-------|--------------------------|------------|--------------------------------|--------|-----------|---------|
|           | A5H          | SUBCONTRACTED SRVS | S020  | ENVIRONMENTAL SCIENTISTS | K267S      | Analvtical Laboratory Services | Linear | 16.182.68 | Dollars |
|           | Factors      | 40000 Dollars      | 0.5   | Management cut           |            |                                |        |           |         |

0.80913 [SYS 061400] .80704 - System

**Line Item SYS - Contingency And Escalation**

|           |                         |             |  |       |      |            |               |        |           |         |
|-----------|-------------------------|-------------|--|-------|------|------------|---------------|--------|-----------|---------|
| BOE       |                         |             |  |       |      |            |               |        |           |         |
| Resources | Cost Element            |             |  | Skill |      | Department |               | Curve  | Quantity  | Units   |
|           | CON                     | CONTINGENCY |  | 0000  | NONE | ZDEPT      | No Department | Linear | 5,916.47  | Dollars |
|           | Factors 5916.47 Dollars |             |  |       |      |            |               |        |           |         |
|           | ESC                     | ESCALATION  |  | 0000  | NONE | ZDEPT      | No Department | Linear | 12,217.19 | Dollars |
|           | Factors 12217.2 Dollars |             |  |       |      |            |               |        |           |         |

Activity ID: 1HAH201055 Description: Database System Integration

Cost Risk 1 Schedule Risk 1

| Line Item                      | Description                | Quantity | Units | BOE Type | Labor Hours/Unit | Labor Hours Total | Labor Cost Total | Materials/ Sub Cost | Contingency & Escalation | Total Prime Cost | Burden Cost | Total Cost |
|--------------------------------|----------------------------|----------|-------|----------|------------------|-------------------|------------------|---------------------|--------------------------|------------------|-------------|------------|
| KH Labor                       | KH Labor                   | 1.00     | ea    | EE       | 1.850            | 1.850             | 78.829           | 10.000              | 0                        | 88.829           | 27.432      | 116.261    |
| SYS                            | Contingency And Escalation | 1.00     | ea    | EE       | 0                | 0                 | 0                | 0                   | 62.035                   | 62.035           | 0           | 62.035     |
| Total for Activity 1HAH201055: |                            |          |       |          |                  | 1.850             | 78.829           | 10.000              | 62.035                   | 150.864          | 27.432      | 178.296    |

**Line Item KH Labor - KH Labor**

|     |  |
|-----|--|
| BOE | Estimators Experience -<br>Experience Item Desc -<br>Breakdown of Cost Data: |
|-----|--|



WBS No: 1HAH2010  
Activity ID: 1HAH201055

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1HAH  
Activity Filter \*

Starts In FY \*

Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor -  
Revised Unit Cost -  
Basis for adjustment -

**Resources**

| Cost Element         |                      | Skill |                            | Department |                                | Curve  | Quantity | Units   |
|----------------------|----------------------|-------|----------------------------|------------|--------------------------------|--------|----------|---------|
| 750                  | STRAIGHT TIME BASE   | M030  | MANAGEMENT INTEGRATORS (GR | K267S      | Analytical Laboratory Services | Linear | 1.850.00 | Hours   |
| Factors 1850 Hr      |                      |       |                            |            |                                |        |          |         |
| A5C                  | SUPPLIES             | 0000  | NONE                       | K267S      | Analytical Laboratory Services | Linear | 1.500.00 | Dollars |
| Factors 1500 Dollars |                      |       |                            |            |                                |        |          |         |
| A5C                  | SUPPLIES             | 0000  | NONE                       | K267S      | Analytical Laboratory Services | Linear | 3.500.00 | Dollars |
| Factors 3500 Dollars |                      |       |                            |            |                                |        |          |         |
| A5M                  | TRAVEL/TRAIN/RELOCAT | 0000  | NONE                       | K267S      | Analytical Laboratory Services | Linear | 5.000.00 | Dollars |
| Factors 5000 Dollars |                      |       |                            |            |                                |        |          |         |

**Line Item SYS - Contingency And Escalation**

**BOE**

**Resources**

| Cost Element            |             | Skill |      | Department |               | Curve  | Quantity  | Units   |
|-------------------------|-------------|-------|------|------------|---------------|--------|-----------|---------|
| CON                     | CONTINGENCY | 0000  | NONE | ZDEPT      | No Department | Linear | 44.024.89 | Dollars |
| Factors 44024.9 Dollars |             |       |      |            |               |        |           |         |
| ESC                     | ESCALATION  | 0000  | NONE | ZDEPT      | No Department | Linear | 18.010.60 | Dollars |
| Factors 18010.6 Dollars |             |       |      |            |               |        |           |         |

Activity ID: 1HAH201056 Description: Database System Integration

Cost Risk 1 Schedule Risk 1

| Line Item                      | Description                | Quantity | Units | BOE Type | Labor Hours/Unit | Labor Hours Total | Labor Cost Total | Materials/ Sub Cost | Contingency & Escalation | Total Prime Cost | Burden Cost | Total Cost |
|--------------------------------|----------------------------|----------|-------|----------|------------------|-------------------|------------------|---------------------|--------------------------|------------------|-------------|------------|
| KH Labor                       | KH Labor                   | 1.00     | ea    | EE       | 600              | 600               | 25,566           | 400                 | 0                        | 25,966           | 31,830      | 57,796     |
| SYS                            | Contingency And Escalation | 1.00     | ea    | EE       | 0                | 0                 | 0                | 0                   | 22,698                   | 22,698           | 0           | 22,698     |
| Total for Activity 1HAH201056: |                            |          |       |          |                  | 600               | 25,566           | 400                 | 22,698                   | 48,664           | 31,830      | 80,495     |

**Line Item KH Labor - KH Labor**

**BOE**

Estimators Experience -  
Experience Item Desc -  
Breakdown of Cost Data:  
Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor -  
Revised Unit Cost -  
Basis for adjustment -

**Resources**

| Cost Element        |                    | Skill |                            | Department |                                | Curve  | Quantity | Units   |
|---------------------|--------------------|-------|----------------------------|------------|--------------------------------|--------|----------|---------|
| 750                 | STRAIGHT TIME BASE | M030  | MANAGEMENT INTEGRATORS (GR | K267S      | Analytical Laboratory Services | Linear | 600.00   | Hours   |
| Factors 600 Hr      |                    |       |                            |            |                                |        |          |         |
| A5C                 | SUPPLIES           | 0000  | NONE                       | K267S      | Analytical Laboratory Services | Linear | 400.00   | Dollars |
| Factors 400 Dollars |                    |       |                            |            |                                |        |          |         |

**Line Item SYS - Contingency And Escalation**

**BOE**

**Resources**

| Cost Element            |             | Skill |      | Department |               | Curve  | Quantity  | Units   |
|-------------------------|-------------|-------|------|------------|---------------|--------|-----------|---------|
| CON                     | CONTINGENCY | 0000  | NONE | ZDEPT      | No Department | Linear | 11.916.72 | Dollars |
| Factors 11916.7 Dollars |             |       |      |            |               |        |           |         |
| ESC                     | ESCALATION  | 0000  | NONE | ZDEPT      | No Department | Linear | 10.781.72 | Dollars |
| Factors 10781.7 Dollars |             |       |      |            |               |        |           |         |

Activity ID: 1HAH2010P2 Description: SWD Database

Cost Risk 2 Schedule Risk 2

| Line Item | Description | Quantity | Units | BOE Type | Labor Hours/Unit | Labor Hours Total | Labor Cost Total | Materials/ Sub Cost | Contingency & Escalation | Total Prime Cost | Burden Cost | Total Cost |
|-----------|-------------|----------|-------|----------|------------------|-------------------|------------------|---------------------|--------------------------|------------------|-------------|------------|
|-----------|-------------|----------|-------|----------|------------------|-------------------|------------------|---------------------|--------------------------|------------------|-------------|------------|

WBS No: 1HAH2010  
Activity ID: 1HAH2010P2

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1HAH  
Activity Filter \* Starts In FY \*

|                                |                  |      |      |    |     |     |        |        |   |        |       |        |
|--------------------------------|------------------|------|------|----|-----|-----|--------|--------|---|--------|-------|--------|
| SWD DQ                         | SWD Data Quality | 1.00 | each | EE | 402 | 402 | 11.718 | 79.856 | 0 | 91.574 | 5.718 | 97.293 |
| Total for Activity 1HAH2010P2: |                  |      |      |    |     | 402 | 11.718 | 79.856 | 0 | 91.574 | 5.718 | 97.293 |

**Line Item SWD DQ - SWD Data Quality**

**BOE** Estimators Experience - Marian Carr - 20 years environmental data experience, 3 years environmental data management experience at RFETS, manage current (FY00) data cleanup activities for SWD.  
Experience Item Desc - Data management, review and correction activities  
Breakdown of Cost Data:  
Item - Onsite labor and subcontractor support  
Units - ea  
Unit Cost - onsite labor rates for 350 hrs. Programming support at Fixed unit rate for Dyn I&ET support.  
Unit Cost Adjustment factor -  
Revised Unit Cost -  
Basis for adjustment -

| Resources | Cost Element       |                    | Skill                                    |                           | Department |                                | Curve  | Quantity  | Units   |
|-----------|--------------------|--------------------|--|---------------------------|------------|--------------------------------|--------|-----------|---------|
|           | 750                | STRAIGHT TIME BASE | P060                                     | COMPUTER SYSTEMS ANALYSTS | R100S      | RMRS Salaried                  | Linear | 80.39     | Hours   |
| Factors   | 150                | Hours              | 0.53595 --- FY00 Max Earned Value Factor |                           |            |                                |        |           |         |
| 750       | STRAIGHT TIME BASE |                    | S030                                     | GEOLOGISTS                | R100S      | RMRS Salaried                  | Linear | 321.57    | Hours   |
| Factors   | 600                | Hours              | 0.53595 --- FY00 Max Earned Value Factor |                           |            |                                |        |           |         |
| A59       | DYNCORP I&ET       |                    | P060                                     | COMPUTER SYSTEMS ANALYSTS | K267S      | Analytical Laboratory Services | Linear | 45,019.61 | Dollars |
| Factors   | 84000              | Dollars            | 0.53595 --- FY00 Max Earned Value Factor |                           |            |                                |        |           |         |
| A59       | DYNCORP I&ET       |                    | P060                                     | COMPUTER SYSTEMS ANALYSTS | K267S      | Analytical Laboratory Services | Linear | 34,836.60 | Dollars |
| Factors   | 65000              | Dollars            | 0.53595 --- FY00 Max Earned Value Factor |                           |            |                                |        |           |         |

Activity ID: 1HAH2011P2 Description: GIS Database

Cost Risk 1 Schedule Risk 1

| Line Item                      | Description                | Quantity | Units | BOE Type | Labor Hours/Unit | Labor Hours Total | Labor Cost Total | Materials/ Sub Cost | Contingency & Escalation | Total Prime Cost | Burden Cost | Total Cost |
|--------------------------------|----------------------------|----------|-------|----------|------------------|-------------------|------------------|---------------------|--------------------------|------------------|-------------|------------|
| GIS DM                         | GIS Data Management        | 1.00     | each  | VQ       | 0                | 0                 | 0                | 16.078              | 0                        | 16.078           | 0           | 16.078     |
| GIS O&M                        | GIS Operations/Maintenance | 1.00     | each  | VQ       | 241              | 241               | 6.126            | 29.477              | 0                        | 35.603           | 2.989       | 38.592     |
| GIS Web                        | GIS Internet Web Server    | 1.00     | each  | VQ       | 0                | 0                 | 0                | 5.359               | 0                        | 5.359            | 0           | 5.359      |
| Total for Activity 1HAH2011P2: |                            |          |       |          |                  | 241               | 6.126            | 50.915              | 0                        | 57.041           | 2.989       | 60.030     |

**Line Item GIS DM - GIS Data Management**

**BOE** Vendor Name - Destiny Resources  
Vendor Quote - \$197,000  
Quote Received by - Maian Carr  
Date Received - 4/17/00  
Item being quoted - GIS operations and maintenance, ESRI software upgrades, GIS data management.  
Other Info -  
Availability - now

| Resources | Cost Element |                    |         | Skill                                    |                           | Department |                                | Curve | Quantity | Units     |         |
|-----------|--------------|--------------------|---------|--|---------------------------|------------|--------------------------------|-------|----------|-----------|---------|
|           | A5H          | SUBCONTRACTED SRVS |         | P060                                     | COMPUTER SYSTEMS ANALYSTS | K267S      | Analytical Laboratory Services |       | Linear   | 16.078.43 | Dollars |
|           | Factors      | 30000              | Dollars | 0.53595 --- FY00 May Earned Value Factor |                           |            |                                |       |          |           |         |

**Line Item GIS O&M - GIS Operations/Maintenance**

**BOE** Vendor Name - Destiny Resources  
Vendor Quote -  
Quote Received by - Marian Carr  
Date Received - 4/17/00  
Item being quoted - GIS Management Services and Site Support  
Other Info - Quoted for 2001-2006. Applied percentage to calculate FY00 costs  
Availability - Now

| Resources | Cost Element |                    | Skill                                    |                           | Department |                                | Curve       | Quantity  | Units   |
|-----------|--------------|--------------------|--|---------------------------|------------|--------------------------------|-------------|-----------|---------|
|           | 750          | STRAIGHT TIME BASE | P060                                     | COMPUTER SYSTEMS ANALYSTS | R100S      | RMRS Salaried                  | Linear      | 241.18    | Hours   |
|           | Factors      | 450 hrs            | 0.53595 --- FY00 Max Earned Value Factor |                           |            |                                |             |           |         |
|           | A5C          | SUPPLIES           | 0000                                     | NONE                      | K267S      | Analytical Laboratory Services | Bell Shaped | 2.679.74  | Dollars |
|           | Factors      | 5000 dollars       | 0.53595 --- FY00 Max Earned Value Factor |                           |            |                                |             |           |         |
|           | A5H          | SUBCONTRACTED SRVS | P060                                     | COMPUTER SYSTEMS ANALYSTS | K267S      | Analytical Laboratory Services | Linear      | 26.797.39 | Dollars |
|           | Factors      | 50000 dollars      | 0.53595 --- FY00 Max Earned Value Factor |                           |            |                                |             |           |         |

WBS No: 1HAH2010  
Activity ID: 1HAH2011P2

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1HAH  
Activity Filter \*

Starts In FY \*

**Line Item GIS Web - GIS Internet Web Server**

**BOE** Vendor Name - Destiny Resources  
Vendor Quote - 2500 hrs @\$68/hr  
Quote Received by - M. Carr  
Date Received - 4/15/00  
Item being quoted - GIS Management, data management and web site installation and maintenance  
Other Info - separate quote for software upgrades  
Availability - now

| Resources | Cost Element |                    | Skill |                           | Department |                                | Curve  | Quantity | Units   |
|-----------|--------------|--------------------|-------|---------------------------|------------|--------------------------------|--------|----------|---------|
|           | A5H          | SUBCONTRACTED SRVS | P060  | COMPUTER SYSTEMS ANALYSTS | K267S      | Analytical Laboratory Services | Linear | 5.359.48 | Dollars |

Factors 10000 dollars 0.53595 --- FY00 Max Earned Value Factor

Activity ID: 1HAH2012P2 Description: EDDIE

Cost Risk 1 Schedule Risk 1

| Line Item                      | Description                        | Quantity | Units | BOE Type | Labor Hours/Unit | Labor Hours Total | Labor Cost Total | Materials/ Sub Cost | Contingency & Escalation | Total Prime Cost | Burden Cost | Total Cost |
|--------------------------------|------------------------------------|----------|-------|----------|------------------|-------------------|------------------|---------------------|--------------------------|------------------|-------------|------------|
| EDDIE                          | EDDIE Web Site Ops and Maintenance | 1.00     | each  | VQ       | 0                | 0                 | 0                | 16.970              | 0                        | 16.970           | 0           | 16.970     |
| Total for Activity 1HAH2012P2: |                                    |          |       |          |                  | 0                 | 0                | 16.970              | 0                        | 16.970           | 0           | 16.970     |

**Line Item EDDIE - EDDIE Web Site Ops and Maintenance**

**BOE** Vendor Name - Dyn I&ET  
Vendor Quote - \$40,400  
Quote Received by - M. Carr  
Date Received - 4/18/00  
Item being quoted - EDDIE maintenance and operations (Web site maintenance)  
Other Info - Additional \$5,000 added to upgrade computers/software to support EDDIE. Costs will be based on KH IRM computer prices in effect when purchase is consumated.  
Availability - Now

| Resources | Cost Element |              | Skill |                           | Department |                                | Curve  | Quantity  | Units   |
|-----------|--------------|--------------|-------|---------------------------|------------|--------------------------------|--------|-----------|---------|
|           | A59          | DYNCORP I&ET | P060  | COMPUTER SYSTEMS ANALYSTS | K267S      | Analytical Laboratory Services | Linear | 14.290.51 | Dollars |

Factors 26664 dollars 0.53595 --- FY00 Max Earned Value Factor

|     |          |      |      |       |                                |        |          |         |
|-----|----------|------|------|-------|--------------------------------|--------|----------|---------|
| A5C | SUPPLIES | 0000 | NONE | K267S | Analytical Laboratory Services | Linear | 2.679.74 | Dollars |
|-----|----------|------|------|-------|--------------------------------|--------|----------|---------|

Factors 5000 Dollars 0.53595 --- FY00 Max Earned Value Factor

Activity ID: 1HAH2013P2 Description: ISEDS

Cost Risk 1 Schedule Risk 1

| Line Item                      | Description | Quantity | Units | BOE Type | Labor Hours/Unit | Labor Hours Total | Labor Cost Total | Materials/ Sub Cost | Contingency & Escalation | Total Prime Cost | Burden Cost | Total Cost |
|--------------------------------|-------------|----------|-------|----------|------------------|-------------------|------------------|---------------------|--------------------------|------------------|-------------|------------|
| ISEDS                          | ISEDS O&M   | 1.00     | each  | VQ       | 0                | 0                 | 0                | 21.974              | 0                        | 21.974           | 0           | 21.974     |
| Total for Activity 1HAH2013P2: |             |          |       |          |                  | 0                 | 0                | 21.974              | 0                        | 21.974           | 0           | 21.974     |

**Line Item ISEDS - ISEDS O&M**

**BOE** Vendor Name - Dyn I&ET  
Vendor Quote - \$40,400  
Quote Received by - Marian Carr  
Date Received - 4/18/00  
Item being quoted - Operate and maintain ISEDS web site  
Other Info - DDIE maintenance and operations (Web site maintenance)  
Other Info - Additional \$5,000 added to upgrade computers/software to support ISEDS. Costs will be based on KH IRM computer prices in effect when purchase is consumated.  
Availability - Now

| Resources | Cost Element |              | Skill |      | Department |                                | Curve  | Quantity | Units   |
|-----------|--------------|--------------|-------|------|------------|--------------------------------|--------|----------|---------|
|           | A59          | DYNCORP I&ET | 0000  | NONE | K267S      | Analytical Laboratory Services | Linear | 2.679.74 | Dollars |

Factors 5000 Dollars 0.53595 --- FY00 Max Earned Value Factor

|     |              |      |                           |       |                                |        |           |         |
|-----|--------------|------|---------------------------|-------|--------------------------------|--------|-----------|---------|
| A59 | DYNCORP I&ET | P060 | COMPUTER SYSTEMS ANALYSTS | K267S | Analytical Laboratory Services | Linear | 19.294.12 | Dollars |
|-----|--------------|------|---------------------------|-------|--------------------------------|--------|-----------|---------|

Factors 36000 Dollars 0.53595 --- FY00 Max Earned Value Factor

Activity ID: 1HAH2015P2 Description: Database System Integration

Cost Risk 1 Schedule Risk 1

| Line Item | Description            | Quantity | Units | BOE Type | Labor Hours/Unit | Labor Hours Total | Labor Cost Total | Materials/ Sub Cost | Contingency & Escalation | Total Prime Cost | Burden Cost | Total Cost |
|-----------|------------------------|----------|-------|----------|------------------|-------------------|------------------|---------------------|--------------------------|------------------|-------------|------------|
| Audits    | Audits and Assessments | 1.00     | each  | VQ       | 0                | 0                 | 0                | 8.039               | 0                        | 8.039            | 0           | 8.039      |

WBS No: 1HAH2010  
Activity ID: 1HAH2015P2

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1HAH  
Activity Filter \*

Starts In FY \*

|                                |                   |      |    |    |     |     |        |        |   |         |        |         |
|--------------------------------|-------------------|------|----|----|-----|-----|--------|--------|---|---------|--------|---------|
| KH Labor                       | KH Labor          | 1.00 | ea | EE | 754 | 754 | 32.131 | 70.156 | 0 | 102.287 | 15.680 | 117.967 |
| SOPs                           | Guidance/Training | 1.00 | ea | VQ | 161 | 161 | 4.838  | 0      | 0 | 4.838   | 2.361  | 7.199   |
| Total for Activity 1HAH2015P2: |                   |      |    |    |     | 915 | 36.969 | 78.195 | 0 | 115.164 | 18.041 | 133.205 |

**Line Item Audits - Audits and Assessments**

**BOE**  
Vendor Name - IT Corporation  
Vendor Quote - \$70,000  
Quote Received by - Marian Carr  
Date Received - 4/7/00  
Item being quoted - Audits/Assessments for air and ecology programs and follow up assessments for groundwater and surface water programs  
Other Info -  
Availability - Now

| Resources |                    | Cost Element | Skill                    | Department | Curve                          | Quantity    | Units    |
|-----------|--------------------|--------------|--------------------------|------------|--------------------------------|-------------|----------|
| A5H       | SUBCONTRACTED SRVS | S020         | ENVIRONMENTAL SCIENTISTS | K267S      | Analytical Laboratory Services | Back Loaded | 8.039.22 |
| Factors   | 15000 Dollars      |              | 0.53595                  | ---        | FY00 May Earned Value Factor   |             |          |

**Line Item KH Labor - KH Labor**

**BOE**  
Estimators Experience -  
Experience Item Desc -  
Breakdown of Cost Data:  
Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor -  
Revised Unit Cost -  
Basis for adjustment -

| Resources |                      | Cost Element | Skill                      | Department | Curve                          | Quantity | Units     |
|-----------|----------------------|--------------|----------------------------|------------|--------------------------------|----------|-----------|
| 750       | STRAIGHT TIME BASE   | M030         | MANAGEMENT INTEGRATORS (GR | K267S      | Analytical Laboratory Services | Linear   | 754.08    |
| Factors   | 1407 Hr              |              | 0.53595                    | ---        | FY00 May Earned Value Factor   |          |           |
| A59       | DYNACORP I&ET        | P060         | COMPUTER SYSTEMS ANALYSTS  | K267S      | Analytical Laboratory Services | Linear   | 53.594.77 |
| Factors   | 100000 Dollars       |              | 0.53595                    | ---        | FY00 May Earned Value Factor   |          |           |
| A5C       | SUPPLIES             | 0000         | NONE                       | K267S      | Analytical Laboratory Services | Linear   | 401.96    |
| Factors   | 750 Dollars          |              | 0.53595                    | ---        | FY00 May Earned Value Factor   |          |           |
| A5C       | SUPPLIES             | 0000         | NONE                       | K267S      | Analytical Laboratory Services | Linear   | 5.439.87  |
| Factors   | 10150 Dollars        |              | 0.53595                    | ---        | FY00 May Earned Value Factor   |          |           |
| A5H       | SUBCONTRACTED SRVS   | S020         | ENVIRONMENTAL SCIENTISTS   | K267S      | Analytical Laboratory Services | Linear   | 8.039.22  |
| Factors   | 15000 Dollars        |              | 0.53595                    | ---        | FY00 May Earned Value Factor   |          |           |
| A5M       | TRAVEL/TRAIN/RELOCAT | 0000         | NONE                       | K267S      | Analytical Laboratory Services | Linear   | 2.679.74  |
| Factors   | 5000 Dollars         |              | 0.53595                    | ---        | FY00 May Earned Value Factor   |          |           |

**Line Item SOPs - Guidance/Training**

**BOE**  
Estimators Experience - Marian Carr 3 years overseeing environmental data systems at RFETS and analyzing systems and identifying areas for improvement including process evaluations and data quality improvements  
Experience Item Desc - Guidelines and standard operating procedures  
Breakdown of Cost Data:  
Item 500  
Units - Hours  
Unit Cost -  
Unit Cost Adjustment factor -  
Revised Unit Cost -  
Basis for adjustment -

| Resources |                    | Cost Element | Skill      | Department | Curve                          | Quantity | Units  |
|-----------|--------------------|--------------|------------|------------|--------------------------------|----------|--------|
| 750       | STRAIGHT TIME BASE | S030         | GEOLOGISTS | K267S      | Analytical Laboratory Services | Linear   | 160.78 |
| Factors   | 300 Hours          |              | 0.53595    | ---        | FY00 May Earned Value Factor   |          |        |

Activity ID: 1HXX2135 Description: ISEDS - FY06

Cost Risk 1 Schedule Risk 1

| Line Item | Description | Quantity | Units | BOE Type | Labor Hours/Unit | Labor Hours Total | Labor Cost Total | Materials/ Sub Cost | Contingency & Escalation | Total Prime Cost | Burden Cost | Total Cost |
|-----------|-------------|----------|-------|----------|------------------|-------------------|------------------|---------------------|--------------------------|------------------|-------------|------------|
| ISEDS     | ISEDS O&M   | 0.96     | each  | VQ       | 0                | 0                 | 0                | 43.807              | 0                        | 43.807           | 0           | 43.807     |

WBS No: 1HAH2010  
Activity ID: 1HXXX2135

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1HAH  
Activity Filter \* Starts In FY \*

|                               |                            |      |    |    |   |   |   |        |        |        |   |        |
|-------------------------------|----------------------------|------|----|----|---|---|---|--------|--------|--------|---|--------|
| SYS                           | Contingency And Escalation | 1.00 | ea | EE | 0 | 0 | 0 | 0      | 37.086 | 37.086 | 0 | 37.086 |
| Total for Activity 1HXXX2135: |                            |      |    |    |   | 0 | 0 | 43.807 | 37.086 | 80.893 | 0 | 80.893 |

**Line Item ISEDS - ISEDS O&M**

|     |   |  |  |  |  |  |  |  |  |  |  |  |
|-----|---|--|--|--|--|--|--|--|--|--|--|--|
| BOE | Vendor Name - Dyn I&ET<br>Vendor Quote - \$40,400<br>Quote Received by - Marian Carr<br>Date Received - 4/18/00<br>Item being quoted - Operate and maintain ISEDS web site<br>Other Info - DDIE maintenance and operations (Web site maintenance)<br>Other Info - Additional \$5,000 added to upgrade computers/software to support ISEDS. Costs will be based on KH IRM computer prices in effect when purchase is consumated.<br>Availability - Now |  |  |  |  |  |  |  |  |  |  |  |
|-----|---|--|--|--|--|--|--|--|--|--|--|--|

| Resources | Cost Element |               | Skill |                           | Department |                                | Curve  | Quantity  | Units   |
|-----------|--------------|---------------|-------|---------------------------|------------|--------------------------------|--------|-----------|---------|
|           | A59          | DYNCORP I&ET  | 0000  | NONE                      | K267S      | Analytical Laboratory Services | Linear | 5.000.00  | Dollars |
|           | Factors      | 5000 Dollars  |       |                           |            |                                |        |           |         |
|           | A59          | DYNCORP I&ET  | P060  | COMPUTER SYSTEMS ANALYSTS | K267S      | Analytical Laboratory Services | Linear | 40.400.00 | Dollars |
|           | Factors      | 40400 Dollars |       |                           |            |                                |        |           |         |

**Line Item SYS - Contingency And Escalation**

|           |                         |             |  |       |      |            |               |        |           |         |
|-----------|-------------------------|-------------|--|-------|------|------------|---------------|--------|-----------|---------|
| BOE       |                         |             |  |       |      |            |               |        |           |         |
| Resources | Cost Element            |             |  | Skill |      | Department |               | Curve  | Quantity  | Units   |
|           | CON                     | CONTINGENCY |  | 0000  | NONE | ZDEPT      | No Department | Linear | 27.315.03 | Dollars |
|           | Factors 27315.0 Dollars |             |  |       |      |            |               |        |           |         |
|           | ESC                     | ESCALATION  |  | 0000  | NONE | ZDEPT      | No Department | Linear | 9.771.16  | Dollars |
|           | Factors 9771.16 Dollars |             |  |       |      |            |               |        |           |         |

Activity ID: 1HXXX2145 Description: AST Database - FY06

Cost Risk 2 Schedule Risk 2

| Line Item                     | Description                | Quantity | Units | BOE Type | Labor Hours/Unit | Labor Hours Total | Labor Cost Total | Materials/ Sub Cost | Contingency & Escalation | Total Prime Cost | Burden Cost | Total Cost |
|-------------------------------|----------------------------|----------|-------|----------|------------------|-------------------|------------------|---------------------|--------------------------|------------------|-------------|------------|
| Data Deliverv                 | Analytical Data Deliverv   | 0.96     | each  | VQ       | 0                | 0                 | 0                | 97.072              | 0                        | 97.072           | 0           | 97.072     |
| A/S Tech Srv                  | AST/SWD Technical Services | 0.96     | each  | VQ       | 0                | 0                 | 0                | 42.969              | 0                        | 42.969           | 0           | 42.969     |
| AST O&M                       | AST Operations/Maintenance | 0.96     | each  | VQ       | 0                | 0                 | 0                | 112.482             | 0                        | 112.482          | 0           | 112.482    |
| SYS                           | Contingency And Escalation | 1.00     | ea    | EE       | 0                | 0                 | 0                | 0                   | 213.781                  | 213.781          | 0           | 213.781    |
| Total for Activity 1HXXX2145: |                            |          |       |          |                  | 0                 | 0                | 252.523             | 213.781                  | 466.305          | 0           | 466.305    |

**Line Item Data Delivery - Analytical Data Delivery**

|     |  |  |  |  |  |  |  |  |  |  |  |  |
|-----|--|--|--|--|--|--|--|--|--|--|--|--|
| BOE | Vendor Name - Enabling Technology<br>Vendor Quote - \$125,602<br>Quote Received by - Marian Carr<br>Date Received - 4/13/00<br>Item being quoted - AST/SWD data processing and data delivery<br>Other Info - Additional \$10,000 added to purchase computers/equipment for data delivery/EDD processing. Acutal purchase price will be based on KH IRM approved computer configurations in effect at time of purchase.<br>Availability - Now |  |  |  |  |  |  |  |  |  |  |  |
|-----|--|--|--|--|--|--|--|--|--|--|--|--|

| Resources | Cost Element                |              | Skill |                           | Department |                                | Curve  | Quantity   | Units   |
|-----------|-----------------------------|--------------|-------|---------------------------|------------|--------------------------------|--------|------------|---------|
|           | A59                         | DYNCORP I&ET | P060  | COMPUTER SYSTEMS ANALYSTS | K267S      | Analytical Laboratory Services | Linear | 100.602.00 | Dollars |
|           | Factors    100602   Dollars |              |       |                           |            |                                |        |            |         |

**Line Item A/S Tech Srv - AST/SWD Technical Services**

|     |   |  |  |  |  |  |  |  |  |  |  |  |
|-----|---|--|--|--|--|--|--|--|--|--|--|--|
| BOE | Vendor Name - Enabling Technology<br>Vendor Quote - \$290,594<br>Quote Received by - Marian Carr<br>Date Received - 4/13/00<br>Item being quoted - Analytical Services technical support activities<br>Other Info - Additional \$5,000 added to purchase computers for Analytical Services Support. Acutal purchase price will be based on KH IRM approved computer configurations in effect at time of purchase.<br>Availability - Now |  |  |  |  |  |  |  |  |  |  |  |
|-----|---|--|--|--|--|--|--|--|--|--|--|--|

| Resources |  | Cost Element | Skill | Department | Curve | Quantity | Units |
|-----------|--|--------------|-------|------------|-------|----------|-------|
|-----------|--|--------------|-------|------------|-------|----------|-------|

WBS No: 1HAH2010  
Activity ID: 1HXXX2145

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1HAH  
Activity Filter \*

Starts In FY \*

|                       |              |      |                           |       |                                |        |           |         |
|-----------------------|--------------|------|---------------------------|-------|--------------------------------|--------|-----------|---------|
| A59                   | DYNCORP I&ET | P060 | COMPUTER SYSTEMS ANALYSTS | K267S | Analytical Laboratory Services | Linear | 44,532.00 | Dollars |
| Factors 44532 Dollars |              |      |                           |       |                                |        |           |         |

**Line Item AST O&M - AST Operations/Maintenance**

|     |   |  |  |  |  |  |  |  |
|-----|---|--|--|--|--|--|--|--|
| BOE | Vendor Name - Enabling Technology<br>Vendor Quote - \$198572<br>Quote Received by - Marian Carr<br>Date Received - 4/13/00<br>Item being quoted - AST/SWD and associated systems and processes operations and maintenance<br>Other Info - Additional \$5,000 added to purchase computers for AST O&M. Actual purchase price will be based on KH IRM approved computer configurations in effect at time of purchase.<br>Availability - Now |  |  |  |  |  |  |  |
|-----|---|--|--|--|--|--|--|--|

| Resources | Cost Element |              | Skill |                           | Department |                                | Curve  | Quantity   | Units   |
|-----------|--------------|--------------|-------|---------------------------|------------|--------------------------------|--------|------------|---------|
|           | A59          | DYNCORP I&ET | P060  | COMPUTER SYSTEMS ANALYSTS | K267S      | Analytical Laboratory Services | Linear | 116,572.00 | Dollars |

Factors 116572 Dollars

**Line Item SYS - Contingency And Escalation**

|           |                     |             |              |      |                   |               |              |                 |              |
|-----------|---------------------|-------------|--------------|------|-------------------|---------------|--------------|-----------------|--------------|
| BOE       |                     |             |              |      |                   |               |              |                 |              |
| Resources | <i>Cost Element</i> |             | <i>Skill</i> |      | <i>Department</i> |               | <i>Curve</i> | <i>Quantity</i> | <i>Units</i> |
|           | CON                 | CONTINGENCY | 0000         | NONE | ZDEPT             | No Department | Linear       | 157,456.10      | Dollars      |

Factors 157456 Dollars

|     |            |      |      |       |               |        |           |         |
|-----|------------|------|------|-------|---------------|--------|-----------|---------|
| ESC | ESCALATION | 0000 | NONE | ZDEPT | No Department | Linear | 56,325.36 | Dollars |
|-----|------------|------|------|-------|---------------|--------|-----------|---------|

Factors 56325.4 Dollars

Activity ID: 1HXXXH2105 Description: SWD Database - FY06

Cost Risk 2 Schedule Risk 2

| Line Item                      | Description                | Quantity | Units | BOE Type | Labor Hours/Unit | Labor Hours Total | Labor Cost Total | Materials/ Sub Cost | Contingency & Escalation | Total Prime Cost | Burden Cost | Total Cost |
|--------------------------------|----------------------------|----------|-------|----------|------------------|-------------------|------------------|---------------------|--------------------------|------------------|-------------|------------|
| SWD DQ                         | SWD Data Quality           | 0.96     | each  | EE       | 263              | 253               | 8,174            | 19,298              | 0                        | 27,472           | 2,844       | 30,316     |
| SYS                            | Contingency And Escalation | 1.00     | ea    | EE       | 0                | 0                 | 0                | 0                   | 25,665                   | 25,665           | 0           | 25,665     |
| Total for Activity 1HXXXH2105: |                            |          |       |          |                  | 253               | 8,174            | 19,298              | 25,665                   | 53,137           | 2,844       | 55,982     |

**Line Item SWD DQ - SWD Data Quality**

|     |   |  |  |  |  |  |  |  |
|-----|---|--|--|--|--|--|--|--|
| BOE | Estimators Experience - Marian Carr - 20 years environmental data experience, 3 years environmental data management experience at RFETS, manage current (FY00) data cleanup activities for SWD.<br>Experience Item Desc - Data management, review and correction activities<br>Breakdown of Cost Data:<br>Item - Onsite labor and subcontractor support<br>Units - ea<br>Unit Cost - onsite labor rates for 350 hrs. Programming support at Fixed unit rate for Dyn I&ET support.<br>Unit Cost Adjustment factor -<br>Revised Unit Cost -<br>Basis for adjustment - |  |  |  |  |  |  |  |
|-----|---|--|--|--|--|--|--|--|

| Resources | Cost Element |                    | Skill |                          | Department |                                | Curve  | Quantity | Units |
|-----------|--------------|--------------------|-------|--------------------------|------------|--------------------------------|--------|----------|-------|
|           | 750          | STRAIGHT TIME BASE | S020  | ENVIRONMENTAL SCIENTISTS | K267S      | Analytical Laboratory Services | Linear | 262.50   | Hours |

Factors 350 hours 0.75 Management cut

|     |              |      |                           |       |                                |        |           |         |
|-----|--------------|------|---------------------------|-------|--------------------------------|--------|-----------|---------|
| A59 | DYNCORP I&ET | P060 | COMPUTER SYSTEMS ANALYSTS | K267S | Analytical Laboratory Services | Linear | 20,000.00 | Dollars |
|-----|--------------|------|---------------------------|-------|--------------------------------|--------|-----------|---------|

Factors 40000 Dollars 0.5 Management cut

**Line Item SYS - Contingency And Escalation**

|           |              |             |       |      |            |               |        |           |         |
|-----------|--------------|-------------|-------|------|------------|---------------|--------|-----------|---------|
| BOE       |              |             |       |      |            |               |        |           |         |
| Resources | Cost Element |             | Skill |      | Department |               | Curve  | Quantity  | Units   |
|           | CON          | CONTINGENCY | 0000  | NONE | ZDEPT      | No Department | Linear | 18,903.17 | Dollars |

Factors 18903.2 Dollars

|     |            |      |      |       |               |        |          |         |
|-----|------------|------|------|-------|---------------|--------|----------|---------|
| ESC | ESCALATION | 0000 | NONE | ZDEPT | No Department | Linear | 6,762.06 | Dollars |
|-----|------------|------|------|-------|---------------|--------|----------|---------|

Factors 6762.06 Dollars

Activity ID: 1HXXXH2115 Description: GIS Database - FY06

Cost Risk 1 Schedule Risk 1

| Line Item | Description | Quantity | Units | BOE Type | Labor Hours/Unit | Labor Hours Total | Labor Cost Total | Materials/ Sub Cost | Contingency & Escalation | Total Prime Cost | Burden Cost | Total Cost |
|-----------|-------------|----------|-------|----------|------------------|-------------------|------------------|---------------------|--------------------------|------------------|-------------|------------|
|-----------|-------------|----------|-------|----------|------------------|-------------------|------------------|---------------------|--------------------------|------------------|-------------|------------|

WBS No: 1HAH2010  
Activity ID: 1HXXXH2115

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1HAH  
Activity Filter \*

|                                |                            |      |      |    |   |   |   |         |        |         |   |         |
|--------------------------------|----------------------------|------|------|----|---|---|---|---------|--------|---------|---|---------|
| GIS DM                         | GIS Data Management        | 0.96 | each | VQ | 0 | 0 | 0 | 47.251  | 0      | 47.251  | 0 | 47.251  |
| GIS O&M                        | GIS Operations/Maintenance | 0.96 | each | VQ | 0 | 0 | 0 | 60.126  | 0      | 60.126  | 0 | 60.126  |
| GIS Web                        | GIS Internet Web Server    | 0.96 | each | VQ | 0 | 0 | 0 | 9.291   | 0      | 9.291   | 0 | 9.291   |
| SYS                            | Contingency And Escalation | 1.00 | ea   | EE | 0 | 0 | 0 | 0       | 98.768 | 98.768  | 0 | 98.768  |
| Total for Activity 1HXXXH2115: |                            |      |      |    | 0 | 0 | 0 | 116.667 | 98.768 | 215.436 | 0 | 215.436 |

**Line Item GIS DM - GIS Data Management**

|     |  |  |  |  |  |  |  |  |  |  |  |  |
|-----|--|--|--|--|--|--|--|--|--|--|--|--|
| BOE | Destiny Resources<br>Vendor Quote - 2500 hrs @\$68/hr<br>Quote Received by - M. Carr<br>Date Received - 4/15/00<br>Item being quoted - GIS Management, data management and web site installation and maintenance<br>Other Info - separate quote for software upgrades<br>Availability - now<br><br>This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions. |  |  |  |  |  |  |  |  |  |  |  |
|-----|--|--|--|--|--|--|--|--|--|--|--|--|

| Resources |                    | Cost Element | Skill                     | Department | Curve                          | Quantity | Units            |
|-----------|--------------------|--------------|---------------------------|------------|--------------------------------|----------|------------------|
| A5H       | SUBCONTRACTED SRVS | P060         | COMPUTER SYSTEMS ANALYSTS | K267S      | Analvtical Laboratory Services | Linear   | 48.968.80Dollars |
| Factors   |                    | 60520        | Dollars                   |            |                                |          |                  |

0.80913 [SYS 061400] .80704 - Svsstem

**Line Item GIS O&M - GIS Operations/Maintenance**

|     |  |  |  |  |  |  |  |  |  |  |  |  |
|-----|--|--|--|--|--|--|--|--|--|--|--|--|
| BOE | Vendor Name - Destiny Resources<br>Vendor Quote - 2500 hrs @\$68/hr<br>Quote Received by - M. Carr<br>Date Received - 4/15/00<br>Item being quoted - GIS Management, data management and web site installation and maintenance<br>Other Info - separate quote for software upgrades<br>Availability - now<br><br>This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions. |  |  |  |  |  |  |  |  |  |  |  |
|-----|--|--|--|--|--|--|--|--|--|--|--|--|

| Resources |                    | Cost Element | Skill                     | Department | Curve                          | Quantity    | Units            |
|-----------|--------------------|--------------|---------------------------|------------|--------------------------------|-------------|------------------|
| A5C       | SUPPLIES           | 0000         | NONE                      | K267S      | Analvtical Laboratory Services | Back Loaded | 6.400.00Dollars  |
| Factors   |                    | 6400         | Dollars                   |            |                                |             |                  |
| A5C       | SUPPLIES           | 0000         | NONE                      | K267S      | Analvtical Laboratory Services | Bell Shaped | 4.000.00Dollars  |
| Factors   |                    | 4000         | Dollars                   |            |                                |             |                  |
| A5H       | SUBCONTRACTED SRVS | P060         | COMPUTER SYSTEMS ANALYSTS | K267S      | Analvtical Laboratory Services | Linear      | 51.912.44Dollars |
| Factors   |                    | 75480        | Dollars                   | 0.85       | Management cut                 |             |                  |

0.80913 [SYS 061400] .80704 - System

**Line Item GIS Web - GIS Internet Web Server**

|     |  |  |  |  |  |  |  |  |  |  |  |  |
|-----|--|--|--|--|--|--|--|--|--|--|--|--|
| BOE | Vendor Name - Destiny Resources<br>Vendor Quote - 2500 hrs @\$68/hr<br>Quote Received by - M. Carr<br>Date Received - 4/15/00<br>Item being quoted - GIS Management, data management and web site installation and maintenance<br>Other Info - separate quote for software upgrades<br>Availability - now<br><br>This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions. |  |  |  |  |  |  |  |  |  |  |  |
|-----|--|--|--|--|--|--|--|--|--|--|--|--|

| Resources |                    | Cost Element | Skill                     | Department | Curve                          | Quantity | Units           |
|-----------|--------------------|--------------|---------------------------|------------|--------------------------------|----------|-----------------|
| A5H       | SUBCONTRACTED SRVS | P060         | COMPUTER SYSTEMS ANALYSTS | K267S      | Analvtical Laboratory Services | Linear   | 9.628.70Dollars |
| Factors   |                    | 23800        | dollars                   | 0.5        | Management cut                 |          |                 |

0.80913 [SYS 061400] .80704 - System

**Line Item SYS - Contingency And Escalation**

BOE

| Resources | <i>Cost Element</i> | <i>Skill</i> | <i>Department</i> | <i>Curve</i> | <i>Quantity</i> | <i>Units</i> |
|-----------|---------------------|--------------|-------------------|--------------|-----------------|--------------|
|-----------|---------------------|--------------|-------------------|--------------|-----------------|--------------|



WBS No: 1HAH2010  
Activity ID: 1HXXXH2115

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1HAH  
Activity Filter \*

Starts In FY \*

|                                |             |      |      |       |               |        |           |         |
|--------------------------------|-------------|------|------|-------|---------------|--------|-----------|---------|
| CON                            | CONTINGENCY | 0000 | NONE | ZDEPT | No Department | Linear | 72,745.79 | Dollars |
| <i>Factors</i> 72745.8 Dollars |             |      |      |       |               |        |           |         |
| ESC                            | ESCALATION  | 0000 | NONE | ZDEPT | No Department | Linear | 26,022.70 | Dollars |
| <i>Factors</i> 26022.7 Dollars |             |      |      |       |               |        |           |         |

Activity ID: 1HXXXH2125 Description: EDDIE - FY06

Cost Risk 1 Schedule Risk 1

| Line Item                      | Description                        | Quantity | Units | BOE Type | Labor Hours/Unit | Labor Hours Total | Labor Cost Total | Materials/ Sub Cost | Contingency & Escalation | Total Prime Cost | Burden Cost | Total Cost |
|--------------------------------|------------------------------------|----------|-------|----------|------------------|-------------------|------------------|---------------------|--------------------------|------------------|-------------|------------|
| EDDIE                          | EDDIE Web Site Ops and Maintenance | 0.96     | each  | VQ       | 0                | 0                 | 0                | 43.807              | 0                        | 43.807           | 0           | 43.807     |
| SYS                            | Contingency And Escalation         | 1.00     | ea    | EE       | 0                | 0                 | 0                | 0                   | 37.086                   | 37.086           | 0           | 37.086     |
| Total for Activity 1HXXXH2125: |                                    |          |       |          |                  | 0                 | 0                | 43.807              | 37.086                   | 80.893           | 0           | 80.893     |

**Line Item EDDIE - EDDIE Web Site Ops and Maintenance**

**BOE**  
Vendor Name - Dyn I&ET  
Vendor Quote - \$40,400  
Quote Received by - M. Carr  
Date Received - 4/18/00  
Item being quoted - EDDIE maintenance and operations (Web site maintenance)  
Other Info - Additional \$5,000 added to upgrade computers/software to support EDDIE. Costs will be based on KH IRM computer prices in effect when purchase is consumated.  
Availability - Now

| Resources                    | Cost Element     | Skill                          | Department                           | Curve  | Quantity  | Units   |
|------------------------------|------------------|--------------------------------|--------------------------------------|--------|-----------|---------|
|                              | A59 DYNCORP I&ET | P060 COMPUTER SYSTEMS ANALYSTS | K267S Analytical Laboratory Services | Linear | 40.400.00 | Dollars |
| <i>Factors</i> 40400 dollars |                  |                                |                                      |        |           |         |
|                              | A5C SUPPLIES     | 0000 NONE                      | K267S Analytical Laboratory Services | Linear | 5.000.00  | Dollars |
| <i>Factors</i> 5000 Dolalrs  |                  |                                |                                      |        |           |         |

**Line Item SYS - Contingency And Escalation**

| Resources                      | Cost Element    | Skill     | Department          | Curve  | Quantity  | Units   |
|--------------------------------|-----------------|-----------|---------------------|--------|-----------|---------|
|                                | CON CONTINGENCY | 0000 NONE | ZDEPT No Department | Linear | 27,315.03 | Dollars |
| <i>Factors</i> 27315.0 Dollars |                 |           |                     |        |           |         |
|                                | ESC ESCALATION  | 0000 NONE | ZDEPT No Department | Linear | 9,771.16  | Dollars |
| <i>Factors</i> 9771.16 Dollars |                 |           |                     |        |           |         |

Activity ID: 1HXXXH2155 Description: Database System Integration - FY06

Cost Risk 1 Schedule Risk 1

| Line Item                      | Description                | Quantity | Units | BOE Type | Labor Hours/Unit | Labor Hours Total | Labor Cost Total | Materials/ Sub Cost | Contingency & Escalation | Total Prime Cost | Burden Cost | Total Cost |
|--------------------------------|----------------------------|----------|-------|----------|------------------|-------------------|------------------|---------------------|--------------------------|------------------|-------------|------------|
| KH Labor                       | KH Labor                   | 0.96     | ea    | EE       | 1.850            | 1.785             | 76.063           | 9.649               | 0                        | 85.712           | 26.470      | 112.181    |
| SYS                            | Contingency And Escalation | 1.00     | ea    | EE       | 0                | 0                 | 0                | 0                   | 94.971                   | 94.971           | 0           | 94.971     |
| Total for Activity 1HXXXH2155: |                            |          |       |          |                  | 1.785             | 76.063           | 9.649               | 94.971                   | 180.682          | 26.470      | 207.152    |

**Line Item KH Labor - KH Labor**

**BOE**  
Estimators Experience -  
Experience Item Desc -  
Breakdown of Cost Data:  
Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor -  
Revised Unit Cost -  
Basis for adjustment -

| Resources                   | Cost Element           | Skill                           | Department                           | Curve  | Quantity | Units   |
|-----------------------------|------------------------|---------------------------------|--------------------------------------|--------|----------|---------|
|                             | 750 STRAIGHT TIME BASE | M030 MANAGEMENT INTEGRATORS (GR | K267S Analytical Laboratory Services | Linear | 1.850.00 | Hours   |
| <i>Factors</i> 1850 Hr      |                        |                                 |                                      |        |          |         |
|                             | A5C SUPPLIES           | 0000 NONE                       | K267S Analytical Laboratory Services | Linear | 1.500.00 | Dollars |
| <i>Factors</i> 1500 Dollars |                        |                                 |                                      |        |          |         |
|                             | A5C SUPPLIES           | 0000 NONE                       | K267S Analytical Laboratory Services | Linear | 3.500.00 | Dollars |
| <i>Factors</i> 3500 Dollars |                        |                                 |                                      |        |          |         |



WBS No: 1HAH2010  
Activity ID: 1HXXXH2155

Rockv Flats Closure Proiect  
Baseline Cost and Basis of Estimate

Project Baseline Devl  
WBS Filter 1HAH  
Activity Filter \*

|                      |                      |      |      |       |                                |        |          |         |
|----------------------|----------------------|------|------|-------|--------------------------------|--------|----------|---------|
| A5M                  | TRAVEL/TRAIN/RELOCAT | 0000 | NONE | K267S | Analytical Laboratory Services | Linear | 5,000.00 | Dollars |
| Factors 5000 Dollars |                      |      |      |       |                                |        |          |         |

Line Item SYS - Contingency And Escalation  
BOE

|                         |             |              |       |            |               |        |           |         |
|-------------------------|-------------|--------------|-------|------------|---------------|--------|-----------|---------|
| Resources               |             | Cost Element | Skill | Department |               | Curve  | Quantity  | Units   |
| CON                     | CONTINGENCY | 0000         | NONE  | ZDEPT      | No Department | Linear | 69,948.63 | Dollars |
| Factors 69948.6 Dollars |             |              |       |            |               |        |           |         |
| ESC                     | ESCALATION  | 0000         | NONE  | ZDEPT      | No Department | Linear | 25,022.10 | Dollars |
| Factors 25022.1 Dollars |             |              |       |            |               |        |           |         |

Report Totals:

|                      |                     |                        |                             |                     |             |            |
|----------------------|---------------------|------------------------|-----------------------------|---------------------|-------------|------------|
| Labor Hours<br>Total | Labor Cost<br>Total | Materials/ Sub<br>Cost | Contingency<br>& Escalation | Total Prime<br>Cost | Burden Cost | Total Cost |
| 134.495              | 4,717,561           | 10,270,867             | 4,527,930                   | 19,516,359          | 1,799,365   | 21,315,723 |